

January 4, 2013

Mr. Jason Gunter Remedial Project Manager U.S. Environmental Protection Agency Region 7 - Superfund Branch 901 North 5th Street Kansas City, KS 66101

Re: The Doe Run Company - Federal Mine Tailings Site Monthly Progress Report

Dear Mr. Gunter:

As required by Article XVII, Paragraph 73 of the Administrative Order on Consent (Docket No.VII-97-F-0009) for the referenced project and on behalf of The Doe Run Company, the progress report for the period November 1, 2012 through November 30, 2012 is enclosed. If you have any questions or comments, please call me at 573-638-5020 or Mark Nations at 573-518-0800.

Sincerely,

L. Morris, P.E., R.G.

Vice President

TLM/jms **Enclosure**

c: Mark Nations - TDRC

Matt Wohl - TDRC (electronic only)

Martin Kator - MDNR - DSP

Kathy Rangen - MDNR - HWP

Adam Nanney - Barr Engineering

DTWG

Superfund

4.2

DUDD

Federal Mine Tailings Site

Park Hills, Missouri

Monthly Progress Report

Period: November 1, 2012 - November 30, 2012

1. Actions Performed or Completed This Period:

- a Work continued on the task of stockpiling rock onsite This work focused on stockpiling trail rock, Type 1 riprap, and Type 2 riprap. These rock types are being stockpiled in the northern portion of the Borrow Area as well as near the shaft rock pile. As of the end of the period, work on this task continued.
- b. Work in the Off Road Vehicle (ORV) Riding Area also continued on the Main Drainage Channel between 80+00 and 00+00. This work focused on rough grading the channel in the saturated areas to drain the surrounding areas so that it is possible to work in these areas. After initial problems with sinking equipment, work began on rough grading the ditch from the spillway back to Station 80+00 to drain some of the saturated areas. As of the end of the period, work on this task continued.
- c. Work in the ORV Riding Area also continued on covering the trails and grids that exceeded the 600 ppm action level in the portion of the ORV Riding Area included in Phase III of the fencing plan. As of the end of the period, work on this task continued.
 - Additional trail and grid sampling was also conducted on November 13, 2012 and November 14, 2012 for the rest of the ORV Riding Area. The results from this sampling have been received and the plan is being developed to show which areas exceed the 600 ppm lead level and need to be covered
- d. The fence was removed from the portion of the ORV Riding Area that includes Phase I of the fencing plan and was placed around the portion of the ORV Riding Area that includes Phase III of the fencing plan. As of the end of the period, work on this task continued.
- e. Work on the task of adding additional air monitoring stations into the network of stations continued. This work focused on developing an air monitoring plan, as well as gaining access for the placement of another air monitoring station to the northeast of the Former Mill Area. As of the end of the period, access had been gained. In addition the air monitors and security fencing had been installed.

2. Data and Results Received This Period:

a Additional trail and grid sampling was also conducted on November 13, 2012 and November 14, 2012 for the rest of the ORV Riding Area The results from this sampling event have been included with this progress report.

3. Planned Activities for Next Period:

- a. Work in the ORV Riding Area will continue on the task of covering the trails and grids that exceeded the 600 ppm action level in the portion of the area included in the Phase III and IV fencing plan.
- b Work in the ORV Riding Area will continue on the Main Drainage Channel. Work in this area will focus on constructing and rocking this channel.
- c. Work will continue on the task of stockpiling trail rock, Type 1 riprap, and Type 2 riprap.
- d. Work will continue on the tasks of modifying the air monitoring plan and getting the air monitors operating.

- e The next MDNR-DSP progress meeting is planned for December 4, 2012.
- 4. Changes in Personnel:
 - a None
- 5. Issues or Problems Encountered and the Resolution:
 - a. None

End of Monthly Progress Report



December 13, 2012

Ty Morris
Barr Engineering Company
1001 Diamond Ridge
Suite 1100
Jefferson City, MO 65109

TEL: (573) 638-5020 FAX: (573) 638-5001

RE: Federal MTS/25/86-0006

Dear Ty Morris:

TEKLAB, INC received 185 samples on 11/17/2012 11:30:00 AM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Michael L. Austin

Project Manager

(618)344-1004 ex 16

MAustin@teklabinc.com



WorkOrder: 12110813



Report Contents

http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

This reporting package includes the following:

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Client: Barr Engineering Company

Definitions

http://www.teklabinc.com/

Work Order: 12110813

Client Project: Federal MTS/25/86-0006 Report Date: 13-Dec-12

Abbr Definition

CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.

DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilutions factors

DNI Did not ignite

- DUP Laboratory duplicate is an aliquot of a sample taken from the same container under laboratory conditions for independent processing and analysis independently of the original aliquot.
- ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated
- IDPH IL Dept of Public Health
- LCS Laboratory control sample, spiked with verified known amounts of analytes, is analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system. The acceptable recovery range is in the QC Package (provided upon request)
- LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
 - MB Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses
- MDL Method detection limit means the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte
- MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request)
- MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request)
- MW Molecular weight
- ND Not Detected at the Reporting Limit
- NELAP NELAP Accredited
 - PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions. The acceptable recovery range is listed in the QC Package (provided upon request)
 - RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL
 - RPD Relative percent difference is a calculated difference between two recoveries (ie MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request)
 - SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes
 - Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples
- TNTC Too numerous to count (> 200 CFU)

Oualifiers

- # Unknown hydrocarbon
- E Value above quantitation range
- M Manual Integration used to determine area response
- R RPD outside accepted recovery limits
- X Value exceeds Maximum Contaminant Level

- B Analyte detected in associated Method Blank
- H Holding times exceeded
- ND Not Detected at the Reporting Limit
 - S Spike Recovery outside recovery limits



Case Narrative

http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Cooler Receipt Temp: 2.4 °C

This report was revised on 12/13/12 per Terri Olson's request. The reason for the revision is to change Sample ID G20LT (Lab ID 12110813-105) to G22MT. Please replace report dated 11/26/2012 with this report. MLA 12/13/2012

Locations and Accreditations

	Collinsville			Springfield		<u> </u>	Kansas City
Address	5445 Horseshoe Lake Road	A	ddress	3920 Pintail Dr		Address	8421 Nieman Road
	Collinsville, IL 62234-7425			Springfield, IL 627	11-9415		Lenexa, KS 66214
Phone	(618) 344-1004	Pł	one	(217) 698-1004		Phone	(913) 541-1998
Fax	(618) 344-1005	Fa	ıx	(217) 698-1005		Fax	(913) 541-1998
Emaıl	jhriley@teklabinc.com	Er	mail	KKlostermann@tel	dabine com	Email dthompson@teklabino	
State		Dept		Cert#	NELAP	Exp Date	Lab
Illinois	3	IEPA		100226	NELAP	1/31/2013	Collinsville
Kansas	S	KDHE		E-10374	NELAP	1/31/2013	Collinsville
Louisia	ana	LDEQ		166493	NELAP	6/30/2013	Collinsville
Louisia	ana	LDEQ		166578	NELAP	6/30/2013	Springfield
Texas		TCEQ		T104704515-12-1	NELAP	7/31/2013	Collinsville
Arkans	sas	ADEQ		88-0966		3/14/2013	Collinsville
Illinois	ļ.	IDPH		17584		4/30/2013	Collinsville
Kentuc	:ky	UST		0073		5/26/2013	Collinsville
Missou	ırı	MDNR		00930		4/13/2013	Collinsville
Oklaho	oma	ODEQ		9978		8/31/2013	Collinsville



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-001

Client Sample ID: T08QT-2

Matrix: SOLID

Analyses	Certification	RL Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP				1,2150	
Lead	NELAP	3.85	993	mg/Kg-dry	1	11/20/2012 19:19 83519



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-002

Client Sample ID: T10UT-2

Matrix: SOLID

Analyses	Certification	RL Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP					
Lead	NELAP	3.77	415	mg/Kg-dry	1	11/20/2012 19:25 83519



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-003

Client Sample ID: T10UT

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						7757.W (1945) - 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	
Lead	NELAP	3.85		692	mg/Kg-dry	1	11/20/2012 19:31	83519



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-004

Client Sample ID: G10QT

Matrix: SOLID Collection Date: 11/13/2012 15:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, META	LS BY ICP							
Lead	NELAP	4.00	S	548	mg/Kg-dry	1	11/26/2012 12:10	83598



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-005

Client Sample ID: T06TT-2

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP		KI Sealer	APPLATE SE				
Lead	NELAP	3.85		1570	mg/Kg-dry	1	11/20/2012 20:07	83519



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-006

Client Sample ID: T06UT-4

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP				12,000			
Lead	NELAP	3.64		1160	mg/Kg-dry	1	11/20/2012 20:13	83519



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Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-007

Client Sample ID: T14ST-2

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, MI	ETALS BY ICP						COLOR TO MANAGES
Lead	NELAP	3.77		558	mg/Kg-dry	1	11/20/2012 20:19 83519



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-008

Client Sample ID: DUP-5

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.77		1460	mg/Kg-dry	1	11/20/2012 20:25 83519



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-009

Client Sample ID: T10UT-3

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP							
Lead	NELAP	3.92		396	mg/Kg-dry	1	11/20/2012 20:31	83519



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-010

Client Sample ID: T06UT-3

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.92		1650	mg/Kg-dry	1	11/20/2012 13:31 83522



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-011

Client Sample ID: T08TT-2

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.70		569	mg/Kg-dry	1	11/20/2012 14:02 83522



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-012

Client Sample ID: T13UT-5

Matrix: SOLID Colle

COLUMN TRANSPARTATION OF THE REAL PROPERTY.				THE RESERVE OF THE PERSON NAMED IN		Batch
4.00	S	544	mg/Kg-dry	1	11/20/2012 14:05	83522
	4.00 ratio.					4.00



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-013

Client Sample ID: G08UT

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.77		863	mg/Kg-dry	1	11/20/2012 14:17 83522



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-014

Client Sample ID: G07UT

Matrix: SOLID

Analyses	Certification	RL Q	ual Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP					
Lead	NELAP	3.64	1000	mg/Kg-dry	1	11/20/2012 14:21 83522



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-015

Client Sample ID: T06UT-2

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, MI	ETALS BY ICP		· Faith					
Lead	NELAP	3.92		888	mg/Kg-dry	1	11/20/2012 14:25	83522



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Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-016

Client Sample ID: T08UT

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.64		975	mg/Kg-dry	1	11/20/2012 14:28 83522



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Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-017

Client Sample ID: T07RT-2

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP							
Lead	NELAP	3.85		754	mg/Kg-dry	1	11/20/2012 14:32	83522



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-018

Client Sample ID: T08RT-2

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.85		444	mg/Kg-dry	1	11/20/2012 14:43 83522



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-019

Client Sample ID: T06UT-4-Depth

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.92		651	mg/Kg-dry	1	11/20/2012 14:47 83522



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-020

Client Sample ID: T08UT-Depth

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP							
Lead	NELAP	3.77	S	1390	mg/Kg-dry	1	11/26/2012 12:21	83598
MS QC limits for Pb are not app	olicable due to high sample/	spike ratio.		Tell .				



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-021

Client Sample ID: T13UT-3

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.77		499	mg/Kg-dry	1	11/20/2012 15:01 83522



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Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-022

Client Sample ID: T13TT-6

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.85		613	mg/Kg-dry	1	11/20/2012 15:05 83522



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Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-023

Client Sample ID: T13UT-6

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP							
Lead	NELAP	3.77		546	mg/Kg-dry	1	11/20/2012 15:09	83522



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-024

Client Sample ID: T12VT-2

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.77		712	mg/Kg-dry	1	11/20/2012 15:12 83522



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-025

Client Sample ID: T11UT

Matrix: SOLID

Analyses	Certification	RL Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP					
Lead	NELAP	3.64	618	mg/Kg-dry	1	11/20/2012 15:23 83522



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-026

Client Sample ID: T13UT-2

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.77		525	mg/Kg-dry	1	11/20/2012 15:34 83522



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-027

Client Sample ID: T13UT-4

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP	Visit .					(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)
Lead	NELAP	3.92		576	mg/Kg-dry	1	11/20/2012 15:38 83522



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-028

Client Sample ID: DUP-7

Matrix: SOLID Collection Date: 11/14/2012 0:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.85		559	mg/Kg-dry	1	11/20/2012 15:42 83522



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-029

Client Sample ID: T12ST-3

Matrix: SOLID

Analyses	Certification	RL Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP					TO TAKE SOME THE STORY OF THE
Lead	NELAP	3.92	493	mg/Kg-dry	1	11/20/2012 15:45 83522



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-030

Client Sample ID: T15ST-3

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP							
Lead	NELAP	3.85		438	mg/Kg-dry	1	11/20/2012 16:00	83523



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-031

Client Sample ID: T10RT-3

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.92		660	mg/Kg-dry	1	11/20/2012 16:04 83523



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-032

Client Sample ID: T12RT-2

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						The Court of the C
Lead	NELAP	3.85		649	mg/Kg-dry	1	11/20/2012 16:18 83523



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-033

Client Sample ID: DUP-8

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.77		550	mg/Kg-dry	1	11/20/2012 16:22 83523



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-034

Client Sample ID: T14RT-3

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.64		496	mg/Kg-dry	1	11/20/2012 16:26 83523



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-035

Client Sample ID: T10RT-2

Matrix: SOLID Collection Date: 11/14/2012 14:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.64		588	mg/Kg-dry	1	11/20/2012 16:29 83523



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-036

Client Sample ID: T15ST-2

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP							
Lead	NELAP	3.77		599	mg/Kg-dry	1	11/20/2012 16:33	83523



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-037

Client Sample ID: T15RT-2

Matrix: SOLID

Analyses	Certification	RL Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP					
Lead	NELAP	3.85	590	mg/Kg-dry	1	11/20/2012 16:37 83523



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-038

Matrix: SOLID

Client Sample ID: T15ST-3-Depth

Analyses	Certification	RL Qua	l Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP					
Lead	NELAP	3.85	586	mg/Kg-dry	1	11/20/2012 16:40 83523



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-039

Client Sample ID: T14TT-3-Depth

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	ETALS BY ICP						
Lead	NELAP	3.92		639	mg/Kg-dry	1	11/20/2012 16:44 83523



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-040

Client Sample ID: T10ST-Depth

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.70		1100	mg/Kg-dry	1	11/20/2012 16:48 83523



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-041

Client Sample ID: T11ST-2

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.70		728	mg/Kg-dry	1	11/20/2012 16:51 83523



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-042

Client Sample ID: T12ST-4

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	4.00		592	mg/Kg-dry	1	11/20/2012 17:03 83523



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-043

Client Sample ID: T11ST-4

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, M	ETALS BY ICP							
Lead	NELAP	3.92		668	mg/Kg-dry	1	11/20/2012 17:06	83523



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-044

Client Sample ID: T13ST-2

Matrix: SOLID Collection Date: 11/14/2012 10:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
W-846 3050B, 6010B, ME	ETALS BY ICP						
Lead	NELAP	3.92	S	571	mg/Kg-dry	1	11/20/2012 17:10 83523



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-045

Client Sample ID: T12TT-2

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.70		594	mg/Kg-dry	1	11/20/2012 17:21 83523



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-046

Client Sample ID: T11TT-4

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.92		1210	mg/Kg-dry	1	11/20/2012 17:25 83523



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-047

Client Sample ID: T15UT

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP			AMBELL !			
Lead	NELAP	3.85		484	mg/Kg-dry	1	11/20/2012 17:28 83523



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-048

Client Sample ID: T13TT-4

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP							
Lead	NELAP	3.92	S	608	mg/Kg-dry	1	11/20/2012 17:32	83523
MS QC limits for Pb are not app					,	- JÉ1		



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-049

Client Sample ID: T13TT-2

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP	e de la companya de						
Lead	NELAP	3.85		632	mg/Kg-dry	1	11/20/2012 17:50	83523



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-050

Client Sample ID: T14ST-2-Depth

Matrix: SOLID Collection Date: 11/14/2012 10:24

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.85		751	mg/Kg-dry	1	11/20/2012 18:05 83524



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-051

Client Sample ID: T11ST3

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.64		717	mg/Kg-dry	1	11/20/2012 18:09 83524



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-052

Client Sample ID: G15ST

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.77	S	677	mg/Kg-dry	1	11/20/2012 18:13 83524
MS QC limits for Pb are not app	plicable due to high sample/s	pike ratio.			# 25 134 . 230		



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-053

Client Sample ID: T10ST-3

Matrix: SOLID

Analyses	Certification	RL Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	ETALS BY ICP					。但是表现的主题中的可以是由15万
Lead	NELAP	4.00	598	mg/Kg-dry	1	11/20/2012 18:31 83524



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-054

Client Sample ID: T10ST

Matrix: SOLID Collection Date: 11/14/2012 13:55

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.92		469	mg/Kg-dry	1	11/20/2012 18:35 83524



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-055

Client Sample ID: T13RT-2

Matrix: SOLID

Analyses	Certification	RL Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP					
Lead	NELAP	3.92	673	mg/Kg-dry	1	11/20/2012 18:38 83524



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-056

Client Sample ID: T13ST-3

Matrix: SOLID Collection

Analyses	Certification	RL Q	ual Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP		THE PERSON NAMED IN			
Lead	NELAP	3.85	703	mg/Kg-dry	1	11/20/2012 18:42 83524



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-057

Client Sample ID: T14TT-2

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, MI	ETALS BY ICP							
Lead	NELAP	3.92		685	mg/Kg-dry	1	11/20/2012 18:46	83524



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-058

Client Sample ID: T11TT-2

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.92	S	816	mg/Kg-dry	1	11/20/2012 18:49 83524
MS QC limits for Pb are not app	olicable due to high sample/s	pike ratio.				10.1	



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-059

Client Sample ID: DUP-6

Matrix: SOLID

Analyses	Certification	RL Q	ual Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP					(A) 1825年 (4) (A) (A) (A) (A) (A) (A) (A) (A) (A) (A
Lead	NELAP	3.92	467	mg/Kg-dry	1	11/20/2012 19:00 83524



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-060

Client Sample ID: T13RT-2-Depth

Matrix: SOLID

Analyses	Certification	RL Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP					
Lead	NELAP	3.92	623	mg/Kg-dry	1	11/20/2012 19:04 83524



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-061

Client Sample ID: G24OT

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, MB	TALS BY ICP						
Lead	NELAP	3.77		1240	mg/Kg-dry	1	11/20/2012 19:15 83524



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-062

Matrix: SOLID

Client Sample ID: T03ST-2

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP							
Lead	NELAP	3.70		839	mg/Kg-dry	1	11/20/2012 19:19	83524



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-063

Client Sample ID: T03UT-3

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP							
Lead	NELAP	3.92		1030	mg/Kg-dry	1	11/20/2012 19:22	83524



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-064

Client Sample ID: T02RT-2

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.85		1140	mg/Kg-dry	1	11/20/2012 19:26 83524



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-065

Client Sample ID: T21MT-2

Matrix: SOLID

Analyses	Certification	RL Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP					
Lead	NELAP	3.85	734	mg/Kg-dry	1	11/20/2012 19:30 83524



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-066

Client Sample ID: T02PT

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	4.00		603	mg/Kg-dry	1	11/20/2012 19:33 83524



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-067

Client Sample ID: T04TT-2

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.92		896	mg/Kg-dry	1	11/20/2012 19:37 83524



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-068

Client Sample ID: T09OT-3

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP							
Lead	NELAP	3.85		925	mg/Kg-dry	1	11/20/2012 19:41	83524



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-069

Client Sample ID: T21NT

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP		3. 1.0				
Lead	NELAP	3.77		775	mg/Kg-dry	1	11/20/2012 19:44 83524



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-070

Client Sample ID: T19MT-3

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.70		947	mg/Kg-dry	1	11/20/2012 20:06 83529



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-071

Client Sample ID: T01PT

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	4.00		791	mg/Kg-dry	1	11/20/2012 20:10 83529



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-072

Client Sample ID: T02RT-4

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP							
Lead	NELAP	3.77		433	mg/Kg-dry	1	11/20/2012 20:14	83529



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-073

Client Sample ID: T01PT-3

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	4.00	S	676	mg/Kg-dry	1	11/20/2012 20:17 83529
MS QC limits for Pb are not app	olicable due to high sample/s	pike ratio.					



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-074

Client Sample ID: T03UT-4

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.85		800	mg/Kg-dry	1	11/20/2012 20:28 83529



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-075

Client Sample ID: T04UT

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP							
Lead	NELAP	4.00		1040	mg/Kg-dry	1	11/20/2012 20:32	83529



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-076

Client Sample ID: T21NT-3

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.70		1240	mg/Kg-dry	1	11/20/2012 20:43 83529



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-077

Client Sample ID: T21MT-3

Matrix: SOLID

Analyses	Certification	RL Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP					
Lead	NELAP	3.92	497	mg/Kg-dry	1	11/20/2012 20:47 83529



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-078

Client Sample ID: T03UT-6

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP							
Lead	NELAP	3.92		521	mg/Kg-dry	1	11/20/2012 20:50	83529



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-079

Client Sample ID: T03PT-3-Depth

Matrix: SOLID Collection Date: 11/13/2012 8:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	4.00		423	mg/Kg-dry	1 .	11/20/2012 20:54 83529



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-080

Client Sample ID: T160T-2-Depth

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.64		4980	mg/Kg-dry	1	11/20/2012 20:58 83529



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-081

Client Sample ID: T03PT-2

Matrix: SOLID

Analyses	Certification	RL Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP					
Lead	NELAP	4.00	826	mg/Kg-dry	1	11/20/2012 21:01 83529



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-082

Client Sample ID: T02QT-2

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.92		1050	mg/Kg-dry	1	11/20/2012 21:05 83529



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-083

Client Sample ID: G16QT

Matrix: SOLID Collection Date: 11/13/2012 14:30

Analyses	Certification	RL Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP					[1] [1] [1] [1] [1] [1] [1] [1] [1] [1] [1]
Lead	NELAP	3.77	1290	mg/Kg-dry	1	11/20/2012 21:09 83529



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-084

Client Sample ID: T14OT-2

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.77		730	mg/Kg-dry	1	11/20/2012 21:12 83529



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-085

Client Sample ID: T22NT-2

Matrix: SOLID

Analyses	Certification	RL Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP					
Lead	NELAP	3.85	525	mg/Kg-dry	1	11/20/2012 21:16 83529



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-086

Client Sample ID: T08PT

Matrix: SOLID Collection Date: 11/13/2012 15:20

Analyses	Certification	RL Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP					
Lead	NELAP	4.00	928	mg/Kg-dry	1	11/20/2012 21:27 83529



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-087

Client Sample ID: T08PT-3

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.85		940	mg/Kg-dry	1	11/20/2012 21:31 83529



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-088

Client Sample ID: T09PT-3

Matrix: SOLID

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S 820	mg/Kg-dry	1	11/20/2012 21:35	83529
S	820	820 mg/Kg-dry	820 mg/Kg-dry 1	820 mg/Kg-dry 1 11/20/2012 21:35



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-089

Client Sample ID: T09OT-2

Matrix: SOLID

Analyses	Certification	RL Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP					
Lead	NELAP	4.00	530	mg/Kg-dry	1	11/20/2012 21:46 83529



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-090

Client Sample ID: G02RT

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
W-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.92	S	492	mg/Kg-dry	1	11/21/2012 1:12 83530



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-091

Client Sample ID: G09QT

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.85		565	mg/Kg-dry	1	11/21/2012 1:30 83530



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-092

Client Sample ID: T21NT-4

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP							
Lead	NELAP	3.70		663	mg/Kg-dry	1	11/21/2012 1:36	83530



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-093

Client Sample ID: T09OT-5

Matrix: SOLID

CAPTO COLO MINO MINERALIZADO				
651	mg/Kg-dry	1	11/21/2012 1:42	83530
	651	651 mg/Kg-dry	651 mg/Kg-dry 1	651 mg/Kg-dry 1 11/21/2012 1:42



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-094

Client Sample ID: G160T

Matrix: SOLID Collection Date: 11/13/2012 13:50

Analyses	Certification	RL Qu	al Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP					
Lead	NELAP	3.70	814	mg/Kg-dry	1	11/21/2012 2:00 83530



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-095

Client Sample ID: T09PT-4

Matrix: SOLID Collection Date: 11/13/2012 15:12

Analyses	Certification	RL Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP					
Lead	NELAP	4.00	675	mg/Kg-dry	1	11/21/2012 2:06 83530



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-096

Client Sample ID: T08OT-4

Matrix: SOLID

Analyses	Certification	RL Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP					
Lead	NELAP	3.92	725	mg/Kg-dry	1	11/21/2012 2:12 83530



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-097

Client Sample ID: T09OT-4

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	4.00		561	mg/Kg-dry	1	11/21/2012 2:18 83530



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-098

Client Sample ID: DUP-3

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.92		959	mg/Kg-dry	1	11/21/2012 2:24 83530



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-099

Client Sample ID: G20LT-Depth

Matrix: SOLID Collection Date: 11/13/2012 12:05

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP	10 10 10 10 10 10 10 10 10 10 10 10 10 1					
Lead	NELAP	3.85		733	mg/Kg-dry	1	11/21/2012 2:30 83530



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-100

Client Sample ID: T04UT-Dept

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	4.00		626	mg/Kg-dry	1	11/21/2012 2:36 83530



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-101

Client Sample ID: T02PT-2

Matrix: SOLID

Analyses	Certification	RL Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP					
Lead	NELAP	4.00	610	mg/Kg-dry	1	11/21/2012 2:42 83530



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-102

Client Sample ID: T02OT-3

Matrix: SOLID

Collection Date: 11/13/2012 8:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	4.00		482	mg/Kg-dry	1	11/21/2012 2:48 83530



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-103

Client Sample ID: T04QT-2

Matrix: SOLID

Collection Date: 11/13/2012 8:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.92		663	mg/Kg-dry	1	11/21/2012 2:54 83530



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-104

Client Sample ID: T02TT-2

Matrix: SOLID

Collection Date: 11/13/2012 9:55

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	4.00	6. 11. 12. 12. 12. 12. 12. 12. 12. 12. 12	453	mg/Kg-dry	1	11/21/2012 3:12 83530



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-105

Client Sample ID: G22MT

Matrix: SOLID

Collection Date: 11/13/2012 12:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	4.00		1050	mg/Kg-dry	1	11/21/2012 3:18 83530



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-106

Client Sample ID: T05QT-2

Matrix: SOLID

Collection Date: 11/13/2012 9:00

Analyses	Certification	RL Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP					
Lead	NELAP	4.00	673	mg/Kg-dry	1	11/21/2012 3:24 83530



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-107

Client Sample ID: T19MT

Matrix: SOLID

Collection Date: 11/13/2012 12:05

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.85		660	mg/Kg-dry	1	11/21/2012 3:30 83530



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-108

Client Sample ID: T05VT-2

Matrix: SOLID

Collection Date: 11/13/2012 11:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.92		814	mg/Kg-dry	1	11/21/2012 3:36 83530



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-109

Client Sample ID: T01QT

Matrix: SOLID

Collection Date: 11/13/2012 8:42

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP							
Lead	NELAP	3.92		1190	mg/Kg-dry	1	11/21/2012 3:42	83530



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-110

Client Sample ID: T02ST-2-Depth

Matrix: SOLID Collection Date: 11/13/2012 10:05

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.85		948	mg/Kg-dry	1	11/21/2012 18:39 83533



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-111

Client Sample ID: DUP-2

Matrix: SOLID

Collection Date: 11/13/2012 0:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP		1 1 2				
Lead	NELAP	3.77		803	mg/Kg-dry	1	11/21/2012 18:57 83533



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-112

Client Sample ID: T09PT-2

Matrix: SOLID

Collection Date: 11/13/2012 15:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP							
Lead	NELAP	3.77		753	mg/Kg-dry	1	11/21/2012 19:03	83533



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-113

Client Sample ID: T03RT-4

Matrix: SOLID

Collection Date: 11/13/2012 9:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP							
Lead	NELAP	3.77		1120	mg/Kg-dry	1	11/21/2012 19:09	83533



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-114

Client Sample ID: G20LT

Matrix: SOLID

Collection Date: 11/13/2012 12:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.77		5630	mg/Kg-dry	1	11/21/2012 19:15 83533



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-115

Client Sample ID: T22NT-3

Matrix: SOLID

Collection Date: 11/13/2012 12:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	ETALS BY ICP						
Lead	NELAP	3.92		1060	mg/Kg-dry	1	11/21/2012 19:21 83533



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-116

Client Sample ID: T08PT-2

Matrix: SOLID

Collection Date: 11/13/2012 15:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.92	1 - 1	773	mg/Kg-dry	1	11/21/2012 19:27 83533



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-117

Client Sample ID: T010T

Matrix: SOLID

Collection Date: 11/13/2012 7:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	ETALS BY ICP						
Lead	NELAP	3.92		678	mg/Kg-dry	1	11/21/2012 19:33 83533



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-118

Client Sample ID: G02QT

Matrix: SOLID

Collection Date: 11/13/2012 8:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.70		467	mg/Kg-dry	1	11/21/2012 19:39 83533



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-119

Client Sample ID: T02OT-2

Matrix: SOLID

Collection Date: 11/13/2012 7:58

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	4.00		438	mg/Kg-dry	1	11/21/2012 19:45 83533



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-120

Client Sample ID: T02PT-3

Matrix: SOLID

Collection Date: 11/13/2012 7:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.64		757	mg/Kg-dry	1	11/21/2012 19:51 83533



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-121

Client Sample ID: T08ST

Matrix: SOLID

Collection Date: 11/13/2012 15:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						·····································
Lead	NELAP	3.92		576	mg/Kg-dry	1	11/21/2012 20:09 83533



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-122

Client Sample ID: TO8TT

Matrix: SOLID

Collection Date: 11/13/2012 16:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP							
Lead	NELAP	4.00	1	548	mg/Kg-dry	1	11/21/2012 20:15	83533



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-123

Client Sample ID: T22NT

Matrix: SOLID

Collection Date: 11/13/2012 12:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						医原列氏线 医不良性医皮肤 化基
Lead	NELAP	3.77		612	mg/Kg-dry	1	11/21/2012 10:19 83536



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-124

Client Sample ID: DUP-1

Matrix: SOLID

Collection Date: 11/13/2012 0:00

Analyses	Certification	RL Q	ual Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP	10000000000000000000000000000000000000				
Lead	NELAP	3.77	828	mg/Kg-dry	1	11/21/2012 10:22 83536



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-125

Client Sample ID: T100T-2

Matrix: SOLID

Collection Date: 11/13/2012 14:40

Analyses	Certification	RL Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP		ENTER LIFE			
Lead	NELAP	3.92	495	mg/Kg-dry	1	11/21/2012 10:26 83536



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-126

Client Sample ID: T03UT-5

Matrix: SOLID

Collection Date: 11/13/2012 11:22

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.85		1070	mg/Kg-dry	1	11/21/2012 10:30 83536



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-127

Client Sample ID: T14OT-3

Matrix: SOLID Collection Date: 11/13/2012 14:10

Analyses	Certification	RL Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP					
Lead	NELAP	4.00	707	mg/Kg-dry	1	11/21/2012 10:33 83536



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-128

Client Sample ID: T16OT-2

Matrix: SOLID

Collection Date: 11/13/2012 13:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						Frank Allendary
Lead	NELAP	3.77		1140	mg/Kg-dry	1	11/21/2012 10:37 83536



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-129

Client Sample ID: DUP-4

Matrix: SOLID

Collection Date: 11/13/2012 0:00

Analyses	Certification	RL (Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.92		853	mg/Kg-dry	1	11/21/2012 10:48 83536



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-130

Client Sample ID: G16OT-Depth

Matrix: SOLID

Collection Date: 11/13/2012 13:55

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP							
Lead	NELAP	3.64		1010	mg/Kg-dry	1	11/21/2012 10:52	83536



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-131

Client Sample ID: T09UT-3

Matrix: SOLID

Collection Date: 11/13/2012 16:05

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	4.00		495	mg/Kg-dry	1	11/21/2012 10:56 83536



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-132

Client Sample ID: T09UT-2

Matrix: SOLID

Collection Date: 11/13/2012 16:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.92		687	mg/Kg-dry	1	11/21/2012 10:59 83536



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-133

Client Sample ID: T08ST-2

Matrix: SOLID

Collection Date: 11/13/2012 17:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP							
Lead	NELAP	3.92		682	mg/Kg-dry	1	11/21/2012 11:03	83536



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-134

Client Sample ID: T08RT-4

Matrix: SOLID

Collection Date: 11/13/2012 16:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	4.00		877	mg/Kg-dry	1	11/21/2012 11:07 83536



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-135

Client Sample ID: T08ST-4

Matrix: SOLID

Collection Date: 11/13/2012 16:20

Analyses	Certification	RL (Qual I	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP	44432					
Lead	NELAP	3.70		619	mg/Kg-dry	1	11/21/2012 11:10 83536



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-136

Client Sample ID: T02OT

Matrix: SOLID

Collection Date: 11/13/2012 7:52

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.77		682	mg/Kg-dry	1	11/21/2012 11:14 83536



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-137

Client Sample ID: T03UT-2

Matrix: SOLID Collection Date: 11/13/2012 11:10

Analyses	Certification	RL Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP					
Lead	NELAP	4.00	853	mg/Kg-dry	1	11/21/2012 11:18 83536



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-138

Client Sample ID: T08ST-3

Matrix: SOLID Collection Date: 11/13/2012 16:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.92		640	mg/Kg-dry	1	11/21/2012 11:21 83536



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-139

Client Sample ID: T09TT

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP							
Lead	NELAP	3.77		569	mg/Kg-dry	1	11/21/2012 11:32	83536



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-140

Client Sample ID: T09UT

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.92		560	mg/Kg-dry	1	11/21/2012 11:36 83536



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-141

Client Sample ID: T08RT-3

Matrix: SOLID

Analyses	Certification	RL (Qual	Result	Units	DF	Date Analyzed B	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP							
Lead	NELAP	3.92		828	mg/Kg-dry	1	11/21/2012 12:20 8	33545



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-142

Client Sample ID: G10PT

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP							
Lead	NELAP	3.70		629	mg/Kg-dry	1	11/21/2012 12:24	83545



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-143

Client Sample ID: T07QT-2

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.92		1110	mg/Kg-dry	1	11/21/2012 12:27 83545



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-144

Client Sample ID: T08RT

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.77		632	mg/Kg-dry	1	11/21/2012 12:31 83545



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-145

Client Sample ID: T11UT-3

Matrix: SOLID

Analyses	Certification	RL Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP					
Lead	NELAP	3.77	462	mg/Kg-dry	1	11/21/2012 12:35 83545



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-146

Client Sample ID: T12UT-4

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP	457.5					
Lead	NELAP	4.00		552	mg/Kg-dry	1	11/21/2012 12:38 83545



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-147

Client Sample ID: T07UT-2

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, I	METALS BY ICP						A. 14 (1923年) 1887 (1985年)
Lead	NELAP	3.92		990	mg/Kg-dry	1	11/21/2012 12:42 83545



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-148

Client Sample ID: T14TT-3

Matrix: SOLID

Analyses	Certification	RL Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP					
Lead	NELAP	3.85	547	mg/Kg-dry	1	11/21/2012 12:46 83545



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-149

Client Sample ID: T11UT-2

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.92		622	mg/Kg-dry	1	11/21/2012 12:50 83545



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-150

Client Sample ID: T14UT-3

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.64		533	mg/Kg-dry	1	11/21/2012 13:01 83545



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-151

Client Sample ID: T11VT-2

Matrix: SOLID

Analyses	Certification	RL Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP					A CONTRACTOR OF THE SECOND
Lead	NELAP	3.70	493	mg/Kg-dry	1	11/21/2012 13:04 83545



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-152

Client Sample ID: T13TT-3

Matrix: SOLID

Analyses	Certification	RL Q	ual Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP					
Lead	NELAP	3.70	597	mg/Kg-dry	1	11/21/2012 13:08 83545



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-153

Client Sample ID: T12UT-2

Matrix: SOLID

Analyses	Certification	RL Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP					TO BE TO THE ROOM W
Lead	NELAP	3.77	706	mg/Kg-dry	1	11/21/2012 13:12 83545



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-154

Client Sample ID: T12TT-3

Matrix: SOLID

Analyses	Certification	RL Qu	al Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP					
Lead	NELAP	3.64	439	mg/Kg-dry	1	11/21/2012 13:15 83545



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-155

Client Sample ID: T12UT-3

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP							
Lead	NELAP	3.92		455	mg/Kg-dry	1	11/21/2012 13:19	83545



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-156

Client Sample ID: T11TT-3

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.85		649	mg/Kg-dry	1	11/21/2012 13:23 83545



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-157

Client Sample ID: T13TT-5

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.77		562	mg/Kg-dry	1	11/21/2012 13:26 83545



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-158

Client Sample ID: T12ST-2

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.70		774	mg/Kg-dry	1	11/21/2012 13:30 83545



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-159

Client Sample ID: T14UT-2

Matrix: SOLID

Analyses	Certification	RL Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP	Ψ^{λ}				
Lead	NELAP	3.85	405	mg/Kg-dry	1	11/21/2012 14:14 83559



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-160

Client Sample ID: T11UT-2-Depth

Matrix: SOLID Collection Date: 11/14/2012 8:50

Analyses	Certification	RL Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP					
Lead	NELAP	3.70	832	mg/Kg-dry	1	11/21/2012 14:18 83559



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-161

Client Sample ID: T03RT-2

Matrix: SOLID

Analyses	Certification	RL Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP					
Lead	NELAP	3.77	594	mg/Kg-dry	1	11/21/2012 14:29 83559



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-162

Client Sample ID: T05UT-2

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.77		961	mg/Kg-dry	1	11/21/2012 14:33 83559



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-163

Client Sample ID: T16OT

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						Porting and American
Lead	NELAP	3.92		582	mg/Kg-dry	1	11/21/2012 14:36 83559



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-164

Client Sample ID: T21MT

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						Electric de la Alemania de Balancia.
Lead	NELAP	3.77		847	mg/Kg-dry	1	11/21/2012 14:40 83559



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-165

Client Sample ID: T01PT-2

Matrix: SOLID

Analyses	Certification	RL Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP					
Lead	NELAP	3.64	776	mg/Kg-dry	1	11/21/2012 14:44 83559



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-166

Client Sample ID: T150T-2

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP							
Lead	NELAP	3.70		647	mg/Kg-dry	1	11/21/2012 14:51	83559



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-167

Client Sample ID: TO2PT-4

Matrix: SOLID Collection Date: 11/13/2012 7:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.64		692	mg/Kg-dry	1	11/21/2012 14:55 83559



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-168

Client Sample ID: T15OT

Matrix: SOLID Collection Da

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.85	5	771	mg/Kg-dry	1	11/21/2012 14:58 83559



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-169

Client Sample ID: T03PT-3

Matrix: SOLID

Analyses	Certification	RL (Qual Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP					
Lead	NELAP	3.70	526	mg/Kg-dry	1	11/21/2012 15:02 83559



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-170

Matrix: SOLID

Client Sample ID: T21MT-3-Depth

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.92		519	mg/Kg-dry	1	11/21/2012 15:18 83559



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-171

Client Sample ID: T03RT-3

Matrix: SOLID

Analyses	Certification	RL Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP					
Lead	NELAP	3.77	516	mg/Kg-dry	1	11/21/2012 15:21 83559



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-172

Client Sample ID: T06RT-2

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.77		880	mg/Kg-dry	1	11/21/2012 15:25 83559



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-173

Client Sample ID: G030T

Matrix: SOLID

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.77		851	mg/Kg-dry	1	11/21/2012 15:29 83559



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-174

Client Sample ID: T04UT-2

Matrix: SOLID

Collection Date: 11/13/2012 11:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.85		723	mg/Kg-dry	1	11/21/2012 15:32 83559



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-175

Client Sample ID: T02ST-2

Matrix: SOLID Collection Date: 11/13/2012 9:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP							
Lead	NELAP	3.85	S	735	mg/Kg-dry	1	11/21/2012 20:21	83533
MS QC limits for Pb are not app	plicable due to high sample/s	pike ratio.						



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-176

Client Sample ID: T14ST

Matrix: SOLID

Collection Date: 11/14/2012 13:20

				THE RESIDENCE OF THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER, WHEN THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER.	
S	760	mg/Kg-dry	1	11/21/2012 11:40	83536
	5	S 760	S 760 mg/Kg-dry	S 760 mg/Kg-dry 1	S 760 mg/Kg-dry 1 11/21/2012 11:40



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-177

Client Sample ID: T14RT-2

Matrix: SOLID

Collection Date: 11/14/2012 13:30

ation RL	Qual	Result	Units	DF	Date Analyzed	Batch
AP 3.70	S	483	mg/Kg-dry	1	11/21/2012 11:51	83536
	Characteristic and an amount of the last and the comment of the co	AP 3.70 S	AP 3.70 S 483	AP 3.70 S 483 mg/Kg-dry	AP 3.70 S 483 mg/Kg-dry 1	AP 3.70 S 483 mg/Kg-dry 1 11/21/2012 11:51



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-178

Client Sample ID: T05KT

Matrix: SOLID

Collection Date: 11/14/2012 14:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.92	S	1020	mg/Kg-dry	1	11/21/2012 13:34 83545
MS QC limits for Pb are not app							



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-179

Client Sample ID: T14TT

Matrix: SOLID

Collection Date: 11/14/2012 10:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP							
Lead	NELAP	3.85	S	739	mg/Kg-dry	1	11/21/2012 13:52	83545
MS QC limits for Pb are not ap	plicable due to high sample/s	pike ratio.						



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Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-180

Client Sample ID: T10ST-2

Matrix: SOLID

Collection Date: 11/14/2012 11:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP							
Lead	NELAP	3.85	S	623	mg/Kg-dry	1	11/21/2012 16:32	83570
MS QC limits for Pb are not app	plicable due to high sample/s	pike ratio.						



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Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-181

Client Sample ID: T02RT-3

Matrix: SOLID

Collection Date: 11/13/2012 10:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP							
Lead	NELAP	3.92	S	860	mg/Kg-dry	1	11/21/2012 15:36	83559
MS QC limits for Pb not applica	able due to high sample/spik	e ratio.						



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Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-182

Client Sample ID: T07PT-2

Matrix: SOLID

Collection Date: 11/13/2012 15:08

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, MI	ETALS BY ICP						
Lead	NELAP	3.77	S	862	mg/Kg-dry	1	11/21/2012 15:52 83559
MS QC limits for Pb not applic		e ratio.	J	002	mg/r g-ury	•	



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Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-183

Client Sample ID: T21NT-2

Matrix: SOLID

Collection Date: 11/13/2012 13:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP							
Lead	NELAP	3.92	S	599	mg/Kg-dry	1	11/21/2012 16:10	83559
MS QC limits for Pb not applica	able due to high sample/spike	ratio.						



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Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-184

Client Sample ID: T140T

Matrix: SOLID

Collection Date: 11/13/2012 14:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3050B, 6010B, ME	TALS BY ICP							
Lead	NELAP	3.85	S	577	mg/Kg-dry	1	11/21/2012 16:51	83570
MS QC limits for Pb are not app	olicable due to high sample/s	pike ratio.	1		2 2 X 2 X			



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Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Report Date: 13-Dec-12

Lab ID: 12110813-185

Client Sample ID: T12UT

Matrix: SOLID

Collection Date: 11/14/2012 9:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed Batch
SW-846 3050B, 6010B, ME	TALS BY ICP						
Lead	NELAP	3.92	S	339	mg/Kg-dry	1	11/21/2012 20:57 83572
MS QC limits for Pb are not app	olicable due to high sample/s	pike ratio.					



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Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
12110813-001	T08QT-2	Solid	2	11/13/2012 16:05
12110813-002	T1OUT-2	Solid	2	11/14/2012 8:45
12110813-003	TIOUT	Solid	2	11/14/2012 8:50
12110813-004	G10QT	Solid	2	11/13/2012 15:50
12110813-005	T06TT-2	Solid	2	11/14/2012 7:50
12110813-006	T06UT-4	Solid	2	11/14/2012 8:00
12110813-007	T14ST-2	Solid	2	11/14/2012 10:10
12110813-008	DUP-5	Solid	2	11/14/2012 0:00
12110813-009	T1OUT-3	Solid	2	11/14/2012 8:40
12110813-010	T06UT-3	Solid	2	11/14/2012 8:05
12110813-011	T08TT-2	Solid	2	11/14/2012 7:30
12110813-012	T13UT-5	Solid	2	11/14/2012 9:30
12110813-013	G08UT	Solid	2	11/14/2012 7:20
12110813-014	G07UT	Solid	2	11/14/2012 7:50
12110813-015	T06UT-2	Solid	2	11/14/2012 7:55
12110813-016	T08UT	Solid	2	11/14/2012 7:25
12110813-017	T07RT-2	Solid	2	11/13/2012 16:15
12110813-018	T08RT-2	Solid	2	11/13/2012 16:25
12110813-019	T06UT-4-Depth	Solid	2	11/14/2012 8:10
12110813-020	T08UT-Depth	Solid	2	11/14/2012 7:35
12110813-021	T13UT-3	Solid	2	11/14/2012 9:35
12110813-022	T13TT-6	Solid	2	11/14/2012 9:55
12110813-023	T13UT-6	Solid	2	11/14/2012 9:25
12110813-024	T12VT-2	Solid	2	11/14/2012 9:05
12110813-025	TIIUT	Solid	2	11/14/2012 9:40
12110813-026	T13UT-2	Solid	2	11/14/2012 9:50
12110813-027	T13UT-4	Solid	2	11/14/2012 9:45
12110813-028	DUP-7	Solid	2	11/14/2012 0:00
12110813-029	T12ST-3	Solid	2	11/14/2012 10:40
12110813-030	T15ST-3	Solid	2	11/14/2012 13:00
12110813-031	T10RT-3	Solid	2	11/14/2012 13:55
12110813-032	T12RT-2	Solid	2	11/14/2012 13:50
12110813-033	DUP-8	Solid	2	11/14/2012 0:00
12110813-034	T14RT-3	Solid	2	11/14/2012 13:30
12110813-035	T10RT-2	Solid	2	11/14/2012 14:10
12110813-036	T15ST-2	Solid	2	11/14/2012 13:05
12110813-037	T15RT-2	Solid	2	11/14/2012 13:15
12110813-038	T15ST-3-Depth	· Solid	2	11/14/2012 13:10
12110813-039	T14TT-3-Depth	Solid	2	11/14/2012 14:30



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Client: Barr Engineering Company	Work Order: 12110813
Client Project: Federal MTS/25/86-0006	Report Date: 13-Dec-12

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
12110813-040	T10ST-Depth	Solid	2	11/14/2012 14:00
12110813-041	T11ST-2	Solid	2	11/14/2012 10:50
12110813-042	T12ST-4	Solid	2	11/14/2012 10:45
12110813-043	T11ST-4	Solid	2	11/14/2012 11:00
12110813-044	T13ST-2	Solid	2	11/14/2012 10:15
12110813-045	T12TT-2	Solid	2	11/14/2012 10:30
12110813-046	T11TT-4	Solid	2	11/14/2012 10:00
12110813-047	T15UT	Solid	2	11/14/2012 10:10
12110813-048	T13TT-4	Solid	2	11/14/2012 10:22
12110813-049	T13TT-2	Solid	2	11/14/2012 10:20
12110813-050	T14ST-2-Depth	Solid	2	11/14/2012 10:24
12110813-051	T11ST3	Solid	2	11/14/2012 11:05
12110813-052	G15ST	Solid	2	11/14/2012 11:20
12110813-053	T10ST-3	Solid	2	11/14/2012 11:10
12110813-054	T10ST	Solid	2	11/14/2012 13:55
12110813-055	T13RT-2	Solid	2	11/14/2012 13:40
12110813-056	T13ST-3	Solid	2	11/14/2012 10:05
12110813-057	T14TT-2	Solid	2	11/14/2012 10:20
12110813-058	T11TT-2	Solid	2	11/14/2012 10:40
12110813-059	DUP-6	Solid	2	11/14/2012 0:00
12110813-060	T13RT-2-Depth	Solid	2	11/14/2012 13:45
12110813-061	G24OT	Solid	2	11/13/2012 13:20
12110813-062	T03ST-2	Solid	2	11/13/2012 9:50
12110813-063	T03UT-3	Solid	2	11/13/2012 11:05
12110813-064	T02RT-2	Solid	2	11/13/2012 9:30
12110813-065	T21MT-2	Solid	2	11/13/2012 12:30
12110813-066	T02PT	Solid	2	11/13/2012 7:25
12110813-067	T04TT-2	Solid	2	11/13/2012 9:40
12110813-068	T09OT-3	Solid	2	11/13/2012 15:40
12110813-069	T21NT	Solid	2	11/13/2012 12:40
12110813-070	T19MT-3	Solid	2	11/13/2012 12:10
12110813-071	T01PT	Solid	2	11/13/2012 7:38
12110813-072	T02RT-4	Solid	2	11/13/2012 9:45
12110813-073	T01PT-3	Solid	2	11/13/2012 7:28
12110813-074	T03UT-4	Solid	2	11/13/2012 11:15
12110813-075	T04UT	Solid	2	11/13/2012 10:45
12110813-076	T21NT-3	Solid	2	11/13/2012 12:55
12110813-077	T21MT-3	Solid	2	11/13/2012 12:25
12110813-078	T03UT-6	Solid	2	11/13/2012 11:20



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Client: Barr Engineering Company

Client Project: Federal MTS/25/86-0006

Work Order: 12110813

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
12110813-079	T03PT-3-Depth	Solid	2	11/13/2012 8:40
12110813-080	T160T-2-Depth	Solid	2	11/13/2012 13:45
12110813-081	T03PT-2	Solid	2	11/13/2012 8:28
12110813-082	T02QT-2	Solid	2	11/13/2012 8:40
12110813-083	G16QT	Solid	2	11/13/2012 14:30
12110813-084	T14OT-2	Solid	2	11/13/2012 14:10
12110813-085	T22NT-2	Solid	2	11/13/2012 12:45
12110813-086	T08PT	Solid	2	11/13/2012 15:20
12110813-087	T08PT-3	Solid	2	11/13/2012 15:05
12110813-088	T09PT-3	Solid	2	11/13/2012 15:10
12110813-089	T09OT-2	Solid	2	11/13/2012 15:35
12110813-090	G02RT	Solid	2	11/13/2012 9:35
12110813-091	G09QT	Solid	2	11/13/2012 16:00
12110813-092	T21NT-4	Solid	2	11/13/2012 12:55
12110813-093	T09OT-5	Solid	2	11/13/2012 15:25
12110813-094	G16OT	Solid	2	11/13/2012 13:50
12110813-095	T09PT-4	Solid	2	11/13/2012 15:12
12110813-096	T08OT-4	Solid	2	11/13/2012 15:08
12110813-097	T09OT-4	Solid	2	11/13/2012 15:30
12110813-098	DUP-3	Solid	2	11/13/2012 0:00
12110813-099	G20LT-Depth	Solid	2	11/13/2012 12:05
12110813-100	T04UT-Dept	Solid	2	11/13/2012 10:50
12110813-101	T02PT-2	Solid	2	11/13/2012 7:20
12110813-102	T02OT-3	Solid	2	11/13/2012 8:00
12110813-103	T04QT-2	Solid	2	11/13/2012 8:50
12110813-104	T02TT-2	Solid	2	11/13/2012 9:55
12110813-105	G22MT	Solid	2	11/13/2012 12:35
12110813-106	T05QT-2	Solid	2	11/13/2012 9:00
12110813-107	T19MT	Solid	2	11/13/2012 12:05
12110813-108	T05VT-2	Solid	2	11/13/2012 11:25
12110813-109	T01QT	Solid	2	11/13/2012 8:42
12110813-110	T02ST-2-Depth	Solid	2	11/13/2012 10:05
12110813-111	DUP-2	Solid	2	11/13/2012 0:00
12110813-112	Т09РТ-2	Solid	2	11/13/2012 15:00
12110813-113	T03RT-4	Solid	2	11/13/2012 9:15
12110813-114	G20LT	Solid	2	11/13/2012 12:00
12110813-115	T22NT-3	Solid	2	11/13/2012 12:50
12110813-116	T08PT-2	Solid	2	11/13/2012 15:15
12110813-117	T01OT	Solid	2	11/13/2012 7:50



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Client: Barr Engineering Company	Work Order: 12110813
Client Project: Federal MTS/25/86-0006	Report Date: 13-Dec-12

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
12110813-118	G02QT	Solid	2	11/13/2012 8:35
12110813-119	T02OT-2	Solid	2	11/13/2012 7:58
12110813-120	T02PT-3	Solid	2	11/13/2012 7:15
12110813-121	T08ST	Solid	2	11/13/2012 15:50
12110813-122	TO8TT	Solid	2	11/13/2012 16:00
12110813-123	T22NT	Solid	2	11/13/2012 12:40
12110813-124	DUP-1	Solid	2	11/13/2012 0:00
12110813-125	T10OT-2	Solid	2	11/13/2012 14:40
12110813-126	T03UT-5	Solid	2	11/13/2012 11:22
12110813-127	T14OT-3	Solid	2	11/13/2012 14:10
12110813-128	T16OT-2	Solid	2	11/13/2012 13:45
12110813-129	DUP-4	Solid	2	11/13/2012 0:00
12110813-130	G16OT-Depth	Solid	2	11/13/2012 13:55
12110813-131	T09UT-3	Solid	2	11/13/2012 16:05
12110813-132	T09UT-2	Solid	2	11/13/2012 16:35
12110813-133	T08ST-2	Solid	2	11/13/2012 17:00
12110813-134	T08RT-4	Solid	2	11/13/2012 16:30
12110813-135	T08ST-4	Solid	2	11/13/2012 16:20
12110813-136	T02OT	Solid	2	11/13/2012 7:52
12110813-137	T03UT-2	Solid	2	11/13/2012 11:10
12110813-138	T08ST-3	Solid	2	11/13/2012 16:40
12110813-139	T09TT	Solid	2	11/13/2012 16:00
12110813-140	T09UT	Solid	2	11/13/2012 16:50
12110813-141	T08RT-3	Solid	2	11/13/2012 16:30
12110813-142	G10PT	Solid	2	11/13/2012 15:45
12110813-143	T07QT-2	Solid	2	11/13/2012 16:10
12110813-144	T08RT	Solid	2	11/13/2012 16:20
12110813-145	T11UT-3	Solid	2	11/14/2012 9:00
12110813-146	T12UT-4	Solid	2	11/14/2012 9:10
12110813-147	T07UT-2	Solid	2	11/14/2012 7:40
12110813-148	T14TT-3	Solid	2	11/14/2012 10:15
12110813-149	T11UT-2	Solid	2	11/14/2012 9:05
12110813-150	T14UT-3	Solid	2	11/14/2012 10:00
12110813-151	T11VT-2	Solid	2	11/14/2012 8:55
12110813-152	T13TT-3	Solid	2	11/14/2012 10:30
12110813-153	T12UT-2	Solid	2	11/14/2012 9:20
12110813-154	T12TT-3	Solid	2	11/14/2012 10:40
12110813-155	T12UT-3	Solid	2	11/14/2012 9:15
12110813-156	T11TT-3	Solid	2	11/14/2012 10:35



12110813-176

12110813-177

12110813-178

12110813-179

12110813-180

12110813-181

12110813-182

12110813-183

12110813-184

12110813-185

T14ST

T05KT

T14TT

T10ST-2

T02RT-3

T07PT-2

T21NT-2

T14OT

T12UT

T14RT-2

Client: Barr Engineering Company

Sample Summary

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Work Order: 12110813

2

2

2

2

2

2

2

2

2

2

11/14/2012 13:20

11/14/2012 13:30

11/14/2012 14:30

11/14/2012 10:25

11/14/2012 11:10

11/13/2012 10:15

11/13/2012 15:08

11/13/2012 13:00

11/13/2012 14:15

11/14/2012 9:15

Solid

Client Project: Federal MTS/25/86-0006			Report Date: 13-Dec-12		
Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date	
12110813-157	T13TT-5	Solid	2	11/14/2012 10:30	
12110813-158	T12ST-2	Solid	2	11/14/2012 10:55	
12110813-159	T14UT-2	Solid	2	11/14/2012 10:05	
12110813-160	T11UT-2-Depth	Solid	2	11/14/2012 8:50	
12110813-161	T03RT-2	Solid	2	11/13/2012 9:08	
12110813-162	T05UT-2	Solid	2	11/13/2012 11:30	
12110813-163	T16OT	Solid	2	11/13/2012 13:40	
12110813-164	T21MT	Solid	2	11/13/2012 12:15	
12110813-165	T01PT-2	Solid	2	11/13/2012 7:40	
12110813-166	T15OT-2	Solid	2	11/13/2012 14:00	
12110813-167	TO2PT-4	Solid	2	11/13/2012 7:30	
12110813-168	T15OT	Solid	2	11/13/2012 14:05	
12110813-169	T03PT-3	Solid	2	11/13/2012 8:30	
12110813-170	T21MT-3-Depth	Solid	2	11/13/2012 13:10	
12110813-171	T03RT-3	Solid	2	11/13/2012 9:12	
12110813-172	T06RT-2	Solid	2	11/13/2012 9:05	
12110813-173	G030T	Solid	2	11/13/2012 7:54	
12110813-174	T04UT-2	Solid	2	11/13/2012 11:25	
12110813-175	T02ST-2	Solid	2	11/13/2012 9:50	



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Client: Barr Engineering Company	Work Order: 12110813
Client Project: Federal MTS/25/86-0006	Report Date: 13-Dec-12

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name	The state of the s	Essak wak Agabara (Messaka di Janas Agaba)	Prep Date/11me	Analysis Date/11me
2110813-001A	T08QT-2	11/13/2012 16:05	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 15:34	11/20/2012 19:19
2110813-002A	TIOUT-2	11/14/2012 8:45	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 15:34	11/20/2012 19:25
2110813-003A	TIOUT	11/14/2012 8:50	11/17/2012 11:30		
ST THE STATE OF TH	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 15:34	11/20/2012 19:31
2110813-004A	G10QT	11/13/2012 15:50	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP	and the committee of the second of the second management of the second o		11/21/2012 9:58	11/26/2012 12:10
2110813-005A	T06TT-2	11/14/2012 7:50	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP	ли чест эле <u>сулгаров дланит неголизация или</u> в или понизация <u>поличениза</u> ция	e regulation of the control of the c	11/19/2012 15:34	11/20/2012 20:07
2110813-006A	T06UT-4	11/14/2012 8:00	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP		perturno saturo del programa del	11/19/2012 15:34	11/20/2012 20:13
2110813-007A	T14ST-2	11/14/2012 10:10	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 15:34	11/20/2012 20:19
2110813-008A	DUP-5	11/14/2012 0:00	11/17/2012 11:30	MENDERS OF	AL CONTRACTOR OF THE CONTRACTO
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 15:34	11/20/2012 20:25
2110813-009A	T10UT-3	11/14/2012 8:40	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 15:34	11/20/2012 20:31
2110813-010A	T06UT-3	11/14/2012 8:05	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 16:19	11/20/2012 13:31
2110813-011A	T08TT-2	11/14/2012 7:30	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 16:19	11/20/2012 14:02
2110813-012A	T13UT-5	11/14/2012 9:30	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 16:19	11/20/2012 14:05
2110813-013A	G08UT	11/14/2012 7:20	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 16:19	11/20/2012 14:17
2110813-014A	G07UT	11/14/2012 7:50	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 16:19	11/20/2012 14:21
2110813-015A	T06UT-2	11/14/2012 7:55	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 16:19	11/20/2012 14:25
2110813-016A	T08UT	11/14/2012 7:25	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 16:19	11/20/2012 14:28
2110813-017A	T07RT-2	11/13/2012 16:15	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 16:19	11/20/2012 14:32
2110813-018A	*T08RT-2	11/13/2012 16:25	11/17/2012 11:30		



http://www.teklabinc.com/

Work Order: 12110813

Report Date: 13-Dec-12

Client: Barr Engineering Company
Client Project: Federal MTS/25/86-0006

SECONDARION DE CALGAS SEGUES S	Test Name			Prep Date/Time	Analysis Date/Time
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 16:19	11/20/2012 14:43
12110813-019A	T06UT-4-Depth	11/14/2012 8:10	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 16:19	11/20/2012 14:47
12110813-020A	T08UT-Depth	11/14/2012 7:35	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/21/2012 10:46	11/26/2012 12:21
12110813-021A	T13UT-3	11/14/2012 9:35	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 16:19	11/20/2012 15:01
12110813-022A	T13TT-6	11/14/2012 9:55	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 16:19	11/20/2012 15:05
12110813-023A	T13UT-6	11/14/2012 9:25	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 16:19	11/20/2012 15:09
12110813-024A	T12VT-2	11/14/2012 9:05	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 16:19	11/20/2012 15:12
12110813-025A	THUT	11/14/2012 9:40	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 16:19	11/20/2012 15:23
2110813-026A	T13UT-2	11/14/2012 9:50	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 16:19	11/20/2012 15:34
2110813-027A	T13UT-4	11/14/2012 9:45	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP		3.2 No. State Stat	11/19/2012 16:19	11/20/2012 15:38
2110813-028A	DUP-7	11/14/2012 0:00	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 16:19	11/20/2012 15:42
2110813-029A	T12ST-3	11/14/2012 10:40	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 16:19	11/20/2012 15:45
2110813-030A	T15ST-3	11/14/2012 13:00	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 17:13	11/20/2012 16:00
2110813-031A	T10RT-3	11/14/2012 13:55	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 17:13	11/20/2012 16:04
2110813-032A	T12RT-2	11/14/2012 13:50	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 17:13	11/20/2012 16:18
2110813-033A	DUP-8	11/14/2012 0:00	11/17/2012 11:30		We continue
	SW-846 3050B, 6010B, Metals by ICP	CONTRACTOR		11/19/2012 17:13	11/20/2012 16:22
2110813-034A	T14RT-3	11/14/2012 13:30	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP		remer eli estrar eliment l'inche i include l'Action	11/19/2012 17:13	11/20/2012 16:26
12110813-035A	T10RT-2	11/14/2012 14:10	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 17:13	11/20/2012 16:29



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Work Order: 12110813

Client: Barr Engineering Company Client Project: Federal MTS/25/86-0006 Report Date: 13-Dec-12

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
12110813-036A	T15ST-2	11/14/2012 13:05	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP	S.		11/19/2012 17:13	11/20/2012 16:33
12110813-037A	TI5RT-2	11/14/2012 13:15	11/17/2012 11:30		
Market (1984) (1984) (1984) (1984) (1984) (1984) (1984) (1984) (1984) (1984) (1984) (1984) (1984) (1984) (1984	SW-846 3050B, 6010B, Metals by ICP	Contract Con		11/19/2012 17:13	11/20/2012 16:37
12110813-038A	T15ST-3-Depth	11/14/2012 13:10	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP	THE RESERVE OF THE PROPERTY OF		11/19/2012 17:13	11/20/2012 16:40
12110813-039A	T14TT-3-Depth	11/14/2012 14:30	11/17/2012 11:30	WHEET.	
Status en all some de mois, et al. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	SW-846 3050B, 6010B, Metals by ICP	Control Administration and the Control Control Control of the		11/19/2012 17:13	11/20/2012 16:44
12110813-040A	T10ST-Depth	11/14/2012 14:00	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP	and the control of th		11/19/2012 17:13	11/20/2012 16:48
12110813-041A	T11ST-2	11/14/2012 10:50	11/17/2012 11:30		
HOLINA, E. CHIEFE, MENTEN CO.	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 17:13	11/20/2012 16:51
12110813-042A	T12ST-4	11/14/2012 10:45	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 17:13	11/20/2012 17:03
12110813-043A	T11ST-4	11/14/2012 11:00	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 17:13	11/20/2012 17:06
12110813-044A	T13ST-2	11/14/2012 10:15	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 17:13	11/20/2012 17:10
12110813-045A	T12TT-2	11/14/2012 10:30	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 17:13	11/20/2012 17:21
12110813-046A	TIITT-4	11/14/2012 10:00	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 17:13	11/20/2012 17:25
12110813-047A	TISUT	11/14/2012 10:10	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 17:13	11/20/2012 17:28
12110813-048A	T13TT-4	11/14/2012 10:22	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 17:13	11/20/2012 17:32
2110813-049A	T13TT-2	11/14/2012 10:20	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 17:13	11/20/2012 17:50
2110813-050A	T14ST-2-Depth	11/14/2012 10:24	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 19:01	11/20/2012 18:05
2110813-051A	T11ST3	11/14/2012 11:05	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 19:01	11/20/2012 18:09
12110813-052A	G15ST	11/14/2012 11:20	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 19:01	11/20/2012 18:13
12110813-053A	T10ST-3	11/14/2012 11:10	11/17/2012 11:30	12/15/2012 15:01	



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Work Order: 12110813

Report Date: 13-Dec-12

Client: Barr Engineering Company

Client Project: Federal MTS/25/86-0006

Sample ID	Client Sample ID Test Name	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 19:01	11/20/2012 18:31
12110813-054A	TIOST	11/14/2012 13:55	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 19:01	11/20/2012 18:35
12110813-055A	T13RT-2	11/14/2012 13:40	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 19:01	11/20/2012 18:38
12110813-056A	T13ST-3	11/14/2012 10:05	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 19:01	11/20/2012 18:42
2110813-057A	T14TT-2	11/14/2012 10:20	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 19:01	11/20/2012 18:46
2110813-058A	T11TT-2	11/14/2012 10:40	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 19:01	11/20/2012 18:49
2110813-059A	DUP-6	11/14/2012 0:00	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP	THE RESERVE OF THE PROPERTY AND A STREET		11/19/2012 19:01	11/20/2012 19:00
2110813-060A	T13RT-2-Depth	11/14/2012 13:45	11/17/2012 11:30		
kiralinta (Pitelopia)	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 19:01	11/20/2012 19:04
2110813-061A	G24OT	11/13/2012 13:20	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 19:01	11/20/2012 19:15
2110813-062A	T03ST-2	11/13/2012 9:50	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 19:01	11/20/2012 19:19
2110813-063A	T03UT-3	11/13/2012 11:05	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 19:01	11/20/2012 19:22
2110813-064A	T02RT-2	11/13/2012 9:30	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 19:01	11/20/2012 19:26
2110813-065A	T21MT-2	11/13/2012 12:30	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 19:01	11/20/2012 19:30
2110813-066A	T02PT	11/13/2012 7:25	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 19:01	11/20/2012 19:33
2110813-067A	T04TT-2	11/13/2012 9:40	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 19:01	11/20/2012 19:37
2110813-068A	T09OT-3	11/13/2012 15:40	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 19:01	11/20/2012 19:41
2110813-069A	T21NT	11/13/2012 12:40	11/17/2012 11:30		
BINESS TREASURE	SW-846 3050B, 6010B, Metals by ICP			11/19/2012 19:01	11/20/2012 19:44
2110813-070A	T19MT-3	11/13/2012 12:10	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP		ALUET TO THE PROPERTY OF THE	11/20/2012 7:10	11/20/2012 20:06



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Client: Barr Engineering Company Work Order: 12110813 Client Project: Federal MTS/25/86-0006 Report Date: 13-Dec-12

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
12110813-071A	TOIPT	11/13/2012 7:38	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP	Back (1) in all activities with a mile of the control of the control of the control state of the control state of the control	dia hazantan tahun salah s	11/20/2012 7:10	11/20/2012 20:10
12110813-072A	T02RT-4	11/13/2012 9:45	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP	al December Transplaction and Coperation Steeler Transfer and Steeler Section 1999 (17), seem	SALES EL AND CONTROL PROPER SELECTION DE PROPER L'EMPLE EN DE CONTROL EN CONTROL EN CONTROL EN CONTROL EN CONT	11/20/2012 7:10	11/20/2012 20:14
12110813-073A	T01PT-3	11/13/2012 7:28	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP	Patri 2 Lating Mandellan (1995) 240 Fabrican Latin Andre Michael (1997)		11/20/2012 7:10	11/20/2012 20:17
12110813-074A	T03UT-4	11/13/2012 11:15	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP		BALSINGA DAGAMATAN SANGA	11/20/2012 7:10	11/20/2012 20:28
12110813-075A	T04UT	11/13/2012 10:45	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 7:10	11/20/2012 20:32
12110813-076A	T21NT-3	11/13/2012 12:55	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 7:10	11/20/2012 20:43
12110813-077A	T21MT-3	11/13/2012 12:25	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 7:10	11/20/2012 20:47
12110813-078A	T03UT-6	11/13/2012 11:20	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 7:10	11/20/2012 20:50
12110813-079A	T03PT-3-Depth	11/13/2012 8:40	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 7:10	11/20/2012 20:54
12110813-080A	T160T-2-Depth	11/13/2012 13:45	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 7:10	11/20/2012 20:58
12110813-081A	T03PT-2	11/13/2012 8:28	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 7:10	11/20/2012 21:01
12110813-082A	T02QT-2	11/13/2012 8:40	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 7:10	11/20/2012 21:05
12110813-083A	G16QT	11/13/2012 14:30	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 7:10	11/20/2012 21:09
12110813-084A	T140T-2	11/13/2012 14:10	11/17/2012 11:30	-1/20/2012 ///0	
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 7:10	11/20/2012 21:12
12110813-085A	T22NT-2	11/13/2012 12:45	11/17/2012 11:30	11/20/2012 /.10	
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 7:10	11/20/2012 21:16
2110813-086A	T08PT	11/13/2012 15:20	11/17/2012 11:30	11/20/2012 /.10	
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 7:10	11/20/2012 21:27
12110813-087A	T08PT-3	11/13/2012 15:05	11/17/2012 11:30	11/20/2012 /:10	11/20/2012 21.2/
		7,7,3,2012 13.03	3,2372.1130	11/20/2012 7.10	11/20/2012 21:21
	SW-846 3050B, 6010B, Metals by ICP T09PT-3	11/13/2012 15:10	11/17/2012 11:30	11/20/2012 7:10	11/20/2012 21:31



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Work Order: 12110813

Client: Barr Engineering Company Report Date: 13-Dec-12 Client Project: Federal MTS/25/86-0006

ample ID	Client Sample ID Test Name	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 7:10	11/20/2012 21:35
2110813-089A	T09OT-2	11/13/2012 15:35	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP		TO DESCRIPTION AND POST AND RESIDENCE AND RESIDENCE	11/20/2012 7:10	11/20/2012 21:46
2110813-090A	G02RT	11/13/2012 9:35	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 7:35	11/21/2012 1:12
2110813-091A	G09QT	11/13/2012 16:00	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 7:35	11/21/2012 1:30
2110813-092A	T21NT-4	11/13/2012 12:55	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 7:35	11/21/2012 1:36
2110813-093A	T09OT-5	11/13/2012 15:25	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP	THE PERCENT AND THE METERS OF THE SECOND SECTION OF THE SECOND SECTION OF THE SECOND SECTION S		11/20/2012 7:35	11/21/2012 1:42
2110813-094A	G16OT	11/13/2012 13:50	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP	THE THAT IN THE SECTION OF THE SECTI	TO BE VEHICLE OF THE PROPERTY OF THE SECOND STATES	11/20/2012 7:35	11/21/2012 2:00
2110813-095A	T09PT-4	11/13/2012 15:12	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 7:35	11/21/2012 2:06
2110813-096A	T08OT-4	11/13/2012 15:08	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 7:35	11/21/2012 2:12
2110813-097A	T09OT-4	11/13/2012 15:30	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 7:35	11/21/2012 2:18
2110813-098A	DUP-3	11/13/2012 0:00	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 7:35	11/21/2012 2:24
2110813-099A	G20LT-Depth	11/13/2012 12:05	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 7:35	11/21/2012 2:30
2110813-100A	T04UT-Dept	11/13/2012 10:50	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 7:35	11/21/2012 2:36
2110813-101A	T02PT-2	11/13/2012 7:20	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 7:35	11/21/2012 2:42
2110813-102A	T02OT-3	11/13/2012 8:00	11/17/2012 11:30		de die voor en de
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 7:35	11/21/2012 2:48
2110813-103A	T04QT-2	11/13/2012 8:50	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 7:35	11/21/2012 2:54
2110813-104A	T02TT-2	11/13/2012 9:55	11/17/2012 11:30	The second	
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 7:35	11/21/2012 3:12
2110813-105A	G22MT	11/13/2012 12:35	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 7:35	11/21/2012 3:18



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Client: Barr Engineering Company	Work Order: 12110813
Client Project: Federal MTS/25/86-0006	Report Date: 13-Dec-12

Sample ID	Client Sample ID Test Name	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
12110813-106A	T05QT-2	11/13/2012 9:00	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 7:35	11/21/2012 3:24
12110813-107A	T19MT	11/13/2012 12:05	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 7:35	11/21/2012 3:30
12110813-108A	T05VT-2	11/13/2012 11:25	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP		ng papakan pangkan kana pangkan na	11/20/2012 7:35	11/21/2012 3:36
2110813-109A	T01QT	11/13/2012 8:42	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP	TO STATE OF THE THE THE THE TANK OF THE TA		11/20/2012 7:35	11/21/2012 3:42
2110813-110A	T02ST-2-Depth	11/13/2012 10:05	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 8:26	11/21/2012 18:39
2110813-111A	DUP-2	11/13/2012 0:00	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 8:26	11/21/2012 18:57
2110813-112A	T09PT-2	11/13/2012 15:00	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 8:26	11/21/2012 19:03
2110813-113A	T03RT-4	11/13/2012 9:15	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 8:26	11/21/2012 19:09
2110813-114A	G20LT	11/13/2012 12:00	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 8:26	11/21/2012 19:15
2110813-115A	T22NT-3	11/13/2012 12:50	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 8:26	11/21/2012 19:21
2110813-116A	T08PT-2	11/13/2012 15:15	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 8:26	11/21/2012 19:27
2110813-117A	TOIOT	11/13/2012 7:50	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 8:26	11/21/2012 19:33
2110813-118A	G02QT	11/13/2012 8:35	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 8:26	11/21/2012 19:39
2110813-119A	T02OT-2	11/13/2012 7:58	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 8:26	11/21/2012 19:45
2110813-120A	T02PT-3	11/13/2012 7:15	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 8:26	11/21/2012 19:51
2110813-121A	T08ST	11/13/2012 15:50	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 8:26	11/21/2012 20:09
2110813-122A	TOSTT	11/13/2012 16:00	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 8:26	11/21/2012 20:15
2110813-123A	T22NT	11/13/2012 12:40	11/17/2012 11:30		



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Work Order: 12110813 Client: Barr Engineering Company Report Date: 13-Dec-12 Client Project: Federal MTS/25/86-0006

	Test Name			Prep Date/Time	Analysis Date/Time
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 8:53	11/21/2012 10:19
12110813-124A	DUP-1	11/13/2012 0:00	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP	POLICE TO A TO THE AREA OF THE PARTY THAT THE PROPERTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY.		11/20/2012 8:53	11/21/2012 10:22
12110813-125A	T100T-2	11/13/2012 14:40	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 8:53	11/21/2012 10:26
12110813-126A	T03UT-5	11/13/2012 11:22	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP	10 00 00 00 00 00 00 00 00 00 00 00 00 0		11/20/2012 8:53	11/21/2012 10:30
2110813-127A	T14OT-3	11/13/2012 14:10	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP	ACTINARIZATURANIAN RESIGNALISA REPOZITACIAN (U.T. ACTA	COLORDON DE LA CONTRACTOR DE LA CONTRACTOR DE LA PROPERTOR DE LA PROPERTOR DE LA PROPERTOR DE LA PROPERTOR DE	11/20/2012 8:53	11/21/2012 10:33
2110813-128A	T16OT-2	11/13/2012 13:45	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP		THE MAIN AS ADOLD MADERAGE DISTRICT	11/20/2012 8:53	11/21/2012 10:37
2110813-129A	DUP-4	11/13/2012 0:00	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 8:53	11/21/2012 10:48
2110813-130A	G16OT-Depth	11/13/2012 13:55	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP		TO THE RESIDENCE OF THE STATE O	11/20/2012 8:53	11/21/2012 10:52
2110813-131A	T09UT-3	11/13/2012 16:05	11/17/2012 11:30	114	
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 8:53	11/21/2012 10:56
2110813-132A	T09UT-2	11/13/2012 16:35	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP		76-50 ct 54 et may 520 de 1868, 1800 ani 1405-256 de 1	11/20/2012 8:53	11/21/2012 10:59
2110813-133A	T08ST-2	11/13/2012 17:00	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 8:53	11/21/2012 11:03
2110813-134A	T08RT-4	11/13/2012 16:30	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 8:53	11/21/2012 11:07
2110813-135A	T08ST-4	11/13/2012 16:20	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 8:53	11/21/2012 11:10
2110813-136A	T02OT	11/13/2012 7:52	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 8:53	11/21/2012 11:14
2110813-137A	T03UT-2	11/13/2012 11:10	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 8:53	11/21/2012 11:18
2110813-138A	T08ST-3	11/13/2012 16:40	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP		ersonester der moseum eintermessen Dotte m	11/20/2012 8:53	11/21/2012 11:21
2110813-139A	T09TT	11/13/2012 16:00	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 8:53	11/21/2012 11:32
2110813-140A	T09UT	11/13/2012 16:50	11/17/2012 11:30		
ANCORPORADA ANTO ESTADO.	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 8:53	11/21/2012 11:36



Client: Barr Engineering Company

Client Project: Federal MTS/25/86-0006

Dates Report

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Work Order: 12110813

Sample ID	Client Sample ID Test Name	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
12110813-141A	T08RT-3	11/13/2012 16:30	11/17/2012 11:30		
12110613-141A		11/13/2012 10.30	11/1//2012 11:50		11/21/2012 12:20
12110813-142A	SW-846 3050B, 6010B, Metals by ICP	11/13/2012 15:45	11/17/2012 11:30	11/20/2012 11:16	11/21/2012 12:20
12110615-142A		11/13/2012 13.43	11/1//2012 11:30		11/01/0010 10 04
	SW-846 3050B, 6010B, Metals by ICP	1172/2010 1610	11/17/0010 11 20	11/20/2012 11:16	11/21/2012 12:24
12110813-143A	T07QT-2	11/13/2012 16:10	11/17/2012 11:30		
Allow allows when would a manager	SW-846 3050B, 6010B, Metals by ICP	VII. V 2000 SELECTION CONTINUES OF THE PROPERTY OF THE PROPERT	m. ur bunatakking sini bak Asertitovi i	11/20/2012 11:16	11/21/2012 12:27
12110813-144A	T08RT	11/13/2012 16:20	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 11:16	11/21/2012 12:31
12110813-145A	T11UT-3	11/14/2012 9:00	11/17/2012 11:30		
TO THE PARTY OF TH	SW-846 3050B, 6010B, Metals by ICP	The state of the s	198	11/20/2012 11:16	11/21/2012 12:35
12110813-146A	T12UT-4	11/14/2012 9:10	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 11:16	11/21/2012 12:38
12110813-147A	T07UT-2	11/14/2012 7:40	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 11:16	11/21/2012 12:42
12110813-148A	T14TT-3	11/14/2012 10:15	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 11:16	11/21/2012 12:46
12110813-149A	T11UT-2	11/14/2012 9:05	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 11:16	11/21/2012 12:50
12110813-150A	T14UT-3	11/14/2012 10:00	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 11:16	11/21/2012 13:01
12110813-151A	T11VT-2	11/14/2012 8:55	11/17/2012 11:30	11/20/2012 11:10	11/21/2012 15.01
				11/20/2012 11 16	11/21/2012 13:04
12110813-152A	SW-846 3050B, 6010B, Metals by ICP T13TT-3	11/14/2012 10:30	11/17/2012 11:30	11/20/2012 11:16	11/21/2012 13:04
12110815-152A		11/14/2012 10.50	11/1//2012 11:50		11/01/0010 12:00
10110010 1501	SW-846 3050B, 6010B, Metals by ICP	11/14/2012 0 20	11/17/2012 11 20	11/20/2012 11:16	11/21/2012 13:08
12110813-153A	T12UT-2	11/14/2012 9:20	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 11:16	11/21/2012 13:12
12110813-154A	T12TT-3	11/14/2012 10:40	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 11:16	11/21/2012 13:15
12110813-155A	T12UT-3	11/14/2012 9:15	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 11:16	11/21/2012 13:19
12110813-156A	T11TT-3	11/14/2012 10:35	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 11:16	11/21/2012 13:23
12110813-157A	T13TT-5	11/14/2012 10:30	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 11:16	11/21/2012 13:26
12110813-158A	T12ST-2	11/14/2012 10:55	11/17/2012 11:30		



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Work Order: 12110813

Report Date: 13-Dec-12

Client: Barr Engineering Company

Client Project: Federal MTS/25/86-0006

Sample ID	Client Sample ID Test Name	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 11:16	11/21/2012 13:30
12110813-159A	T14UT-2	11/14/2012 10:05	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 13:28	11/21/2012 14:14
12110813-160A	T11UT-2-Depth	11/14/2012 8:50	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 13:28	11/21/2012 14:18
12110813-161A	T03RT-2	11/13/2012 9:08	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP	AND TO THE SECOND STREET		11/20/2012 13:27	11/21/2012 14:29
12110813-162A	T05UT-2	11/13/2012 11:30	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 13:27	11/21/2012 14:33
2110813-163A	T16OT-	11/13/2012 13:40	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 13:27	11/21/2012 14:36
12110813-164A	T21MT	11/13/2012 12:15	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 13:27	11/21/2012 14:40
2110813-165A	T01PT-2	11/13/2012 7:40	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 13:27	11/21/2012 14:44
2110813-166A	T15OT-2	11/13/2012 14:00	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 13:27	11/21/2012 14:51
2110813-167A	TO2PT-4	11/13/2012 7:30	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 13:27	11/21/2012 14:55
2110813-168A	T150T	11/13/2012 14:05	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 13:27	11/21/2012 14:58
2110813-169A	T03PT-3	11/13/2012 8:30	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 13:27	11/21/2012 15:02
2110813-170A	T21MT-3-Depth	11/13/2012 13:10	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 13:27	11/21/2012 15:18
2110813-171A	T03RT-3	11/13/2012 9:12	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 13:27	11/21/2012 15:21
2110813-172A	T06RT-2	11/13/2012 9:05	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 13:27	11/21/2012 15:25
2110813-173A	G030T	11/13/2012 7:54	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 13:27	11/21/2012 15:29
2110813-174A	T04UT-2	11/13/2012 11:25	11/17/2012 11:30		
White factors and	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 13:27	11/21/2012 15:32
2110813-175A	T02ST-2	11/13/2012 9:50	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 8:26	11/21/2012 20:21



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Work Order: 12110813 Client: Barr Engineering Company Report Date: 13-Dec-12 Client Project: Federal MTS/25/86-0006

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name	CONTRACTOR AND STATE OF THE STA	CONTROL OF THE PROPERTY AND THE PROPERTY OF TH	Prep Date/Time	Analysis Date/Time
12110813-176A	T14ST	11/14/2012 13:20	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 8:53	11/21/2012 11:40
2110813-177A	T14RT-2	11/14/2012 13:30	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 8:53	11/21/2012 11:51
2110813-178A	T05KT	11/14/2012 14:30	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 11:16	11/21/2012 13:34
2110813-179A	T14TT	11/14/2012 10:25	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 11:16	11/21/2012 13:52
2110813-180A	T10ST-2	11/14/2012 11:10	11/17/2012 11:30	Capacity Control of the Control	
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 16:01	11/21/2012 16:32
2110813-181A	T02RT-3	11/13/2012 10:15	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP	a careta ade secesar antimental de antestala		11/20/2012 13:27	11/21/2012 15:36
2110813-182A	T07PT-2	11/13/2012 15:08	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 13:28	11/21/2012 15:52
2110813-183A	T21NT-2	11/13/2012 13:00	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 13:27	11/21/2012 16:10
2110813-184A	T14OT	11/13/2012 14:15	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 16:01	11/21/2012 16:51
2110813-185A	T12UT	11/14/2012 9:15	11/17/2012 11:30		
	SW-846 3050B, 6010B, Metals by ICP			11/20/2012 16:40	11/21/2012 20:57



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Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Batch 83519 S	SampType:	MBLK		Units mg/	Kg-dry							
SampID: MB-83519												Date Analyzed
Analyses		in the second	RL	Qual	2,44	Result	Spike	SPK Ref Val	The water of the same of the s	Low Limit	High Limit	
Lead			4.00			< 4.00	4.00	0	0	-100	100	11/20/2012
	SampType:	LCS		Units mg/	Kg-dry							
3ampID: LCS-83519							~	CDV D-fV-l	% DEC	Low Limit	Lligh Limit	Date Analyzed
Analyses			RL	Qual	1997	Result		SPK Ref Val		Low Limit	High Limit	11/20/2012
Lead			4.00			45.9	50.0	0	91.8	85	115	11/20/2012
Batch 83522 SampID: MB-83522	SampType:	MBLK		Units mg/	Kg-dry							Date
Analyses			RL	Qual		Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
Lead		100	4.00			< 4.00	4.00	0	0	-100	100	11/20/2012
Batch 83522 S SampID: LCS-83522	SampType:	LCS		Units mg/	Kg-dry							Date
Analyses			RL	Qual		Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
Lead			4.00			46.1	50.0	0	92.3	85	115	11/20/2012
Batch 83522 S SampID: 12110813-01	SampType:	MS		Units mg/	Kg-dry							Date
Analyses			RL	Qual		Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
Lead			4.00	S		611	50.0	544.5	133.6	75	125	11/20/2012
Batch 83522 SampID: 12110813-01	SampType:	MSD		Units mg/	Kg-dry				The second secon	RPD	Limit 20	Date
Analyses			RL	Oual		Result	Spike	SPK Ref Val	%REC	RPD Ref \	Val %RPD	Analyzed
Lead			4.00	S	and the same of	628	50.0	544.5	167.6	611.3	2.74	11/20/2012
3atch 83523 SampID: MB-83523	SampType:	MBLK		Units mg/	Kg-dry							Date
Analyses			RL	Qual		Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
Lead			4.00			< 4.00		0	0	-100	100	11/20/2012
Batch 83523 SampID: LCS-83523	SampType:	LCS		Units mg/	Kg-dry							Date
Analyses			RL	Qual		Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
Lead			4.00			47.3	50.0	0	94.5	85	115	11/20/2012
3atch 83523 SampID: 12110813-04	SampType: 14AMS	MS		Units mg/	Kg-dry							Date
Analyses			RL	Qual		Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
Lead			3.92	S		717	49.0	571.2	297.4	75	125	11/20/2012



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Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

Batch 83523 SampT	ype: MSD		Units mg/Kg-dr	У				RPD	Limit 20	
SampID: 12110813-044AMS	D									Date
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref	Val %RPD	Analyzed
Lead		3.92	S	647	49.0	571.2	153.8	717.0	10.32	11/20/2012
	ype: MS		Units mg/Kg-dr	у						
SampID: 12110813-048AMS										Date
Analyses		RL	Qual	Result	Spike	A 11 - 10 11 - 42 11 - 00 00 10 10 10 10 10 10 10 10 10 10 10	%REC	THE RESERVE OF THE PARTY OF THE	High Limit	Analyzed
Lead		3.92	S	637	49.0	607.8	59.4	75	125	11/20/2012
Batch 83523 SampT SampID: 12110813-048AMS	ype: MSD		Units mg/Kg-dr	у				RPD	Limit 20	Date
Analyses		RL	Oual	Result	Spike	SPK Ref Val	%REC	RPD Ref	Val %RPD	Analyzed
Lead		3.92	S	610	49.0	607.8	4.6	637.0	4.31	11/20/2012
Batch 83524 SampT SampID: MB-83524	ype: MBLK		Units mg/Kg-dr	у						Date
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
Lead		4.00		< 4.00	4.00	0	0	-100	100	11/20/2012
Batch 83524 SampT	ype: LCS		Units mg/Kg-dr	у	A STAN					Date
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
Lead		4.00		46.6	50.0	0	93.3	85	115	11/20/2012
Batch 83524 SampT SampID: 12110813-052AMS			Units mg/Kg-dr	у	25					Date
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
Lead		3.77	S	786	47.2	677.0	231.0	75	125	11/20/2012
Batch 83524 SampTy SampID: 12110813-052AMS		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Units mg/Kg-dr	y				RPD	Limit 20	Date
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref \	Val %RPD	Analyzed
Lead		3.77	S		47.2	677.0	220.6	785.9	0.63	11/20/2012
Batch 83524 SampT SampID: 12110813-058AMS	ype: MS		Units mg/Kg-dr	у						Date
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
Lead		3.92	S	884	49.0	815.6	139.2	75	125	11/20/2012
Batch 83524 SampT SampID: 12110813-058AMS	ype: MSD	1997 - 1997 - 1997	Units mg/Kg-dr	у	7,00			RPD	Limit 20	Date
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref \	/al %RPD	Analyzed
Lead		3.92	S	848	49.0	815.6	66.0	883.8	4.14	11/20/2012



http://www.teklabinc.com/

Client: Barr Engineering Company

Work Order: 12110813

Client Project: Federal MTS/25/86-0006

SW-846 3050B, 601	OR METAL	e BV I	CD.					Table 14			
	SampType:		organización de la francia	Units mg/l	Kg-dry	-f. tol-late (D-776)	at " un att havår gavar flyridhan	Bertu St. C. Landstein and			INCOMENTACIONE DE LA CALIFORNIA DE LA CA
SampID: MB-83529											Date
Analyses			RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
Lead		A 8 115	4.00		< 4.00		0	0	-100	100	11/20/2012
	SampType:	LCS		Units mg/l	Kg-dry						
SampID: LCS-83529								. الماليات			Date Analyzed
Analyses			RL	Qual	Result					High Limit	
Lead			4.00		47.1	50.0	0	94.1	85	115	11/20/2012
Batch 83529 SampID: 12110813-0	SampType:	MS		Units mg/l	Kg-dry						Date
Analyses			RL	Qual	Result	Snike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
Lead			4.00	Quai	730	50.0	676.4	107.4	75	125	11/20/2012
3atch 83529		MSD		Units mg/l	Kg-dry				RPD	Limit 20	
3ampID: 12110813-0	73AMSD						0.514.5 (14.1	W550	555 5 W	/	Date Analyzed
Analyses			RL	Qual	Result	7.1. Sept. Market State Co.	ELECTRONIC CONTRACTOR	ze male troubles et	5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	/al %RPD	
Lead			4.00	S	713	50.0	676.4	72.4	730.1	2.43	11/20/2012
3atch 83529 SampID: 12110813-0	SampType: 088AMS	MS		Units mg/l	Kg-dry						Date
Analyses			RL	Oual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
Lead			3.64	S	846	45.4	820.0	58.0	75	125	11/20/2012
3atch 83529	SampType:	MSD		Units mg/l	Kg-dry			ing and a second	RPD	Limit 20	n - 1
3ampID: 12110813-0	88AMSD		DI	0 1	Domit	g :1	SPK Ref Val	%REC	RPD Ref \	/al %RPD	Date Analyzed
Analyses			3.64	Qual S	Result 840	45.4	820.0	44.4	846.4	0.73	11/20/2012
Table Name Name (Santa)					E NOTE SOCIETA DE L'OUR ROY SAN		Frederick operation over the				
3atch 83530 SampID: MB-83530	SampType:	MBLK		Units mg/l	Kg-dry						Date
Analyses			RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
Lead			4.00		< 4.00		0	0	-100	100	11/21/2012
3atch 83530 SampID: LCS-83530	SampType:	LCS		Units mg/l	Kg-dry						Date
Analyses			RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
Lead			4.00	× 2004	47.7	Carried Statement Section 1	0	95.4	85	115	11/21/2012
3atch 83530 SampID: 12110813-0	SampType:	MS		Units mg/h	(g-dry						Date
	CO, IIIIO		RL	Qual	Result	Spile	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
Analyses		25/25	3.92	S	525		492.4	65.6	75	125	11/21/2012



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Client: Barr Engineering Company

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SampID: 12110813-090AMSD Analyses Lead		RL 3.92 RL 3.64	Qual S Units mg Qual S Units mg	ı/Kg-dry	513		SPK Ref Val 492.4 SPK Ref Val	43.0	RPD Ref \(524.5 \)	Val %RPD 2.13	Date Analyzed 11/21/2012 Date
Lead Batch 83530 SampType: Manalyses Lead Batch 83530 SampType: Manalyses Lead Batch 83530 SampType: Manalyses Analyses		3.92 RL 3.64	S Units mg Qual S	ı/Kg-dry	513 Result	49.0 Spike	492.4	43.0	524.5	2.13	11/21/2012 Date
Batch 83530 SampType: MampID: 12110813-093AMS Analyses Lead Batch 83530 SampType: MampID: 12110813-093AMSD Analyses		RL 3.64	Units mg Qual S		Result	Spike					Date
SampID: 12110813-093AMS Analyses Lead Batch 83530 SampType: Martin SampID: 12110813-093AMSD Analyses		3.64	Qual S				SPK Ref Val	%REC	Low Limit	High Limit	
Analyses Lead Batch 83530 SampType: Manalyses Analyses	MSD	3.64	S				SPK Ref Val	%REC	Low Limit	High Limit	
Lead Batch 83530 SampType: MampID: 12110813-093AMSD Analyses	MSD	3.64	S							HIGH LITHE	Analyzed
SampID: 12110813-093AMSD Analyses	MSD	RL	Units mg	/Kg-dry			650.8	-17.8	75	125	11/21/2012
SampID: 12110813-093AMSD Analyses	IIIOD	RL	Office Hig	ing-ury					RPF	Limit 20	
		RL									Date
Lead			Qual]	HOLEN A GROUP OF PROPER	Spike			2000 per 00.000	Val %RPD	Analyzed
Leau		3.64	S		636	45.4	650.8	-33.4	642.7	1.11	11/21/2012
Batch 83533 SampType: M SampID: MB-83533	MBLK		Units mg	/Kg-dry							Date
Analyses		RL	Qual		Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
Lead		4.00			< 4.00	4.00	0	0	-100	100	11/21/2012
Batch 83533 SampType: L SampID: LCS-83533	LCS		Units mg	/Kg-dry							Date
Analyses		RL	Qual]	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
Lead		4.00				50.0	0	98.6	85	115	11/21/2012
Batch 83533 SampType: M SampID: 12110813-175AMS	MS		Units mg	/Kg-dry							Date
Analyses		RL	Qual		Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
Lead		3.85	S			48.1	735.3	43.6	75	125	11/21/2012
3atch 83533 SampType: M SampID: 12110813-175AMSD	MSD		Units mg	/Kg-dry					RPD	Limit 20	Date
Analyses		RL	Qual]	Result	Spike	SPK Ref Val	%REC	RPD Ref \	Val %RPD	Analyzed
Lead		3.85	S			48.1	735.3	13.2	756.2	1.95	11/21/2012
3atch 83536 SampType: M SampID: MB-83536	MBLK		Units mg	/Kg-dry			Property of the second				Date
Analyses		RL	Qual	J	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
Lead		4.00			< 4.00	4.00	0	0	-100	100	11/21/2012
3atch 83536 SampType: L SampID: LCS-83536	LCS		Units mg	/Kg-dry							Date
Analyses		RL	Qual	j	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed



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Batch 83536 SampType:	S BY IC		Units mg/Kg-dry	,	A LANGE TO		The state of the s			10
SampID: 12110813-176AMS						SDV BetVel	WREC	Low Limit	High Limit	Date Analyzed
Analyses		RL	The second secon		The second second second	SPK Ref Val		75	125	11/21/2012
Lead		4.00	S	861	50.0	759.9	202.2	75	125	11/21/2012
Batch 83536 SampType:	MSD		Units mg/Kg-dry					RPD	Limit 20	
SampID: 12110813-176AMSD						Date				
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref	/al %RPD	Analyzed
Lead		4.00	S	742	50.0	759.9	-36.6	861.0	14.90	11/21/2012
Batch 83536 SampType: SampID: 12110813-177AMS	MS	7 P- 7	Units mg/Kg-dry	,						Date
Analyses		RL	Qual	Result	Snike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
Lead		3.70	S	598	46.3	482.9	248.6	75	125	11/21/2012
Batch 83536 SampType: SampID: 12110813-177AMSD	MSD		Units mg/Kg-dry RPD Limit 20					Limit 20	Date	
Analyses		RL	Oual	Result	Snike	SPK Ref Val	%REC	RPD Ref	/al %RPD	Analyzed
Lead		3.70	S	565	46.3	482.9	177.8	598.0	5.64	11/21/2012
Batch 83545 SampType: SampID: MB-83545	MBLK		Units mg/Kg-dry				200			Date
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
Lead		4.00		< 4.00	4.00	0	0	-100	100	11/21/2012
Batch 83545 SampType: SampID: LCS-83545	LCS		Units mg/Kg-dry				A. S			Date
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
Lead		4.00		47.0	50.0	0	94.0	85	115	11/21/2012
Batch 83545 SampType: SampID: 12110813-178AMS	MS		Units mg/Kg-dry							Date
Analyses		RL	Qual	Result	Spike	SPK Ref Val			High Limit	Analyzed
Lead		3.92	S	1050	49.0	1019	58.0	75	125	11/21/2012
3atch 83545 SampType: SampID: 12110813-178AMSD	MSD		Units mg/Kg-dry RPD Limit 20		Limit 20	Date				
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref \	/al %RPD	Analyzed
Lead		3.92		1080	49.0	1019	124.0	1047	3.04	11/21/2012
3atch 83545 SampType: SampID: 12110813-179AMS	MS		Units mg/Kg-dry				100,270			Date
Analyses		RL	Qual	D14	Chiles	SPK Ref Val	%RFC	Low Limit	High Limit	Analyzed



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Samp	SPK Ref Val	RPD Ref Val %RPD 668.2 1.77	Date Analyzed
SampType: MBLK	739.4 -172.6		
Samp		668.2 1.77	11/21/2013
Analyses	SPK Ref Val %REC		
Act	SPK Ref Val %REC		Date
Auto		Low Limit High Limit	Analyzed
Analyses	0 0	-100 100	11/21/2012
Lead 4.00 46.7 50.0		1000	Date
3atch 83559 SampType: MS Units mg/Kg-dry BampID: 12110813-181AMS RL Qual Result Spike Lead 3.92 S 890 49.0 Batch 83559 SampType: MSD Units mg/Kg-dry Batch 83559 SampType: MSD Analyses Lead 3.92 S 878 49.0 Batch 83559 SampType: MS Units mg/Kg-dry BampID: 12110813-182AMS Analyses RL Qual Result Spike Lead 3.77 S 927 47.2 Batch 83559 SampType: MSD Units mg/Kg-dry BampID: 12110813-182AMSD Analyses RL Qual Result Spike Lead 3.77 S 897 47.2 Batch 83559 SampType: MS Units mg/Kg-dry	SPK Ref Val %REC	Low Limit High Limit	Analyzed
Analyses RL Qual Result Spike	0 93.4	85 115	11/21/2012
Satch 83559 SampType: MSD Units mg/Kg-dry		100 Per 100 Pe	Date
Batch 83559 SampType: MSD Units mg/Kg-dry Analyses RL Qual Result Spike Lead 3.92 S 878 49.0 Batch 83559 SampType: MS Units mg/Kg-dry Units mg/Kg-dry Batch 83559 SampType: MSD Units mg/Kg-dry 927 47.2 Batch 83559 SampType: MSD Units mg/Kg-dry Units mg/Kg-dry		Low Limit High Limit	Analyzed
Analyses RL Qual Result Spike Lead 3.92 S 878 49.0 Batch 83559 SampType: MS Analyses RL Qual Result Spike Lead 3.77 S 927 47.2 Batch 83559 SampType: MSD Analyses RL Qual Result Spike Lead 3.77 S 927 47.2 Batch 83559 SampType: MSD Analyses RL Qual Result Spike Analyses RL Qual Result Spike Analyses RL Qual Result Spike Lead 3.77 S 897 47.2 Batch 83559 SampType: MS Lead 3.77 S 897 47.2 Batch 83559 SampType: MS Lead Result Spike RL Qual Result Spike Analyses RL Qual Result Spike RL Qual Result Spike RL Qual Result Spike	859.7 62.6	75 125	11/21/2012
Satch 83559 SampType: MS Units mg/Kg-dry		RPD Limit 20	Date
Satch 83559 SampType: MS Units mg/Kg-dry	SPK Ref Val %REC	RPD Ref Val %RPD	Analyzed
SampID: 12110813-182AMS Analyses RL Qual Result Spike Lead 3.77 S 927 47.2 Batch 83559 SampType: MSD Units mg/Kg-dry SampID: 12110813-182AMSD RL Qual Result Spike Lead 3.77 S 897 47.2 Batch 83559 SampType: MS Units mg/Kg-dry SampID: 12110813-183AMS Analyses RL Qual Result Spike	859.7 37.4	890.4 1.40	11/21/2012
Lead 3.77 S 927 47.2 Batch 83559 SampType: MSD Units mg/Kg-dry Analyses RL Qual Result Spike Lead 3.77 S 897 47.2 Batch 83559 SampType: MS Units mg/Kg-dry SampID: 12110813-183AMS RL Qual Result Spike			Date
Batch 83559 SampType: MSD Units mg/Kg-dry SampID: 12110813-182AMSD RL Qual Result Spike Lead 3.77 S 897 47.2 Batch 83559 SampType: MS Units mg/Kg-dry SampID: 12110813-183AMS RL Qual Result Spike	SPK Ref Val %REC	Low Limit High Limit	Analyzed
SampID: 12110813-182AMSD Analyses RL Qual Result Spike Lead 3.77 S 897 47.2 Satch 83559 SampType: MS Units mg/Kg-dry SampID: 12110813-183AMS RL Qual Result Spike	862.4 137.0	75 125	11/21/2012
Lead 3.77 S 897 47.2 Batch 83559 SampType: MS Units mg/Kg-dry sampID: 12110813-183AMS Analyses RL Qual Result Spike		RPD Limit 20	Date
Lead 3.77 S 897 47.2 Batch 83559 SampType: MS Units mg/Kg-dry sampID: 12110813-183AMS Analyses RL Qual Result Spike	SPK Ref Val %REC	RPD Ref Val %RPD	Analyzed
Analyses RL Qual Result Spike	862.4 72.6	927.0 3.33	11/21/2012
2 Control of the Cont			Date
Lead 3.92 S 636 49.0	SPK Ref Val %REC	Low Limit High Limit	Analyzed
	599.2 74.8	75 125	11/21/2012
Satch 83559 SampType: MSD Units mg/Kg-dry sampID: 12110813-183AMSD		RPD Limit 20	Date
Analyses RL Qual Result Spike		RPD Ref Val %RPD	Analyzed



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Batch 83570	SampType:	MBLK		Units mg/Kg	ı-drv							
SampID: MB-83570	Cump 1 ypo.							and the second		edecial your and	Date Analyzed	
Analyses			RL	Qual			SPK Ref Val		Service and Amelional Control Con-	High Limit		
Lead			4.00		< 4.00	4.00	0	0	-100	100	11/21/2012	
Batch 83570	SampType:	LCS		Units mg/Kg	j-dry							
SampID: LCS-83570											Date	
Analyses			RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Lead			4.00		47.5	50.0	0	95.0	85	115	11/21/2012	
Batch 83570 SampID: 12110813-	SampType: 180AMS	MS		Units mg/Kg	ı-dry						Date	
Analyses			RL	Oual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Lead			3.85	S	684	48.1	623.5	125.8	75	125	11/21/2012	
Batch 83570 SampID: 12110813-	SampType: 180AMSD	MSD		Units mg/Kg	i-dry				RPD	Limit 20	Date	
Analyses			RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref	/al %RPD	Analyzed	
Lead			3.85		663	48.1	623.5	82.0	683.9	3.13	11/21/2012	
Batch 83570 SampID: 12110813-	SampType: 184AMS	MS		Units mg/Kg	ı-dry					one of the second	Date	
Analyses			RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Lead			3.85		627	48.1	577.0	103.6	75	125	11/21/2012	
Batch 83570 SampID: 12110813-	SampType:	MSD	Duccessor 25	Units mg/Kg	j-dry				RPD	Limit 20	Date	
Analyses			RL	Qual	Result	Snike	SPK Ref Val	%REC	RPD Ref	/al %RPD	Analyzed	
Lead			3.85	S	658	48.1	577.0	168.8	626.8	4.88	11/21/2012	
Batch 83572 SampID: MB-83572	SampType:	MBLK		Units mg/Kg	ı-dry						Date	
Analyses			RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed	
Lead		**	4.00		< 4.00	4.00	0	0	-100	100	11/21/2012	
Batch 83572 SampID: LCS-83572	SampType:	LCS		Units mg/Kg							Date Analyzed	
Analyses			RL	Qual	Result	ALL DESCRIPTION OF THE PARTY OF		St. Middle Sand Sand Child	2011年2月2日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日	High Limit		
Lead			4.00		46.7	50.0	0	93.4	85	115	11/21/2012	
Batch 83572 SampID: 12110813-	SampType: 185AMS	MS		Units mg/Kg	ı-dry						Date Analyzad	
			RL	Qual	Result		SPK Ref Val	0/ DEC	I over I imple	High Limit	Analyzed	



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SW-846 3050B, 6010B, METAL	SBYI	СР								
Batch 83572 SampType:			Units mg	/Kg-dry				RPE	Limit 20	
SampID: 12110813-185AMSD										Date
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref	Val %RPD	Analyzed
Lead		3.92	S	373	49.0	338.7	70.8	377.3	1.02	11/21/2012
Batch 83598 SampType:	MBLK		Units mg/Kg-dry							
SampID: MB-83598										Date
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
Lead		4.00		< 4.00	4.00	0	0	-100	100	11/26/2012
Batch 83598 SampType: SampID: LCS-83598	LCS		Units mg	/Kg-dry						Date
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
Lead		4.00		49.6	50.0	0	99.3	85	115	11/26/2012
Batch 83598 SampType: SampID: 12110813-004AMS	MS		Units mg	/Kg-dry						Date
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
Lead		4.00	S	672	50.0	548.1	248.2	75	125	11/26/2012
Batch 83598 SampType: SampID: 12110813-004AMSD	MSD		Units mg/Kg-dry					RPD	Date	
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref	Val %RPD	Analyzed
Lead		4.00	S	739	50.0	548.1	381.8	672.2	9.47	11/26/2012
3atch 83598 SampType: SampID: 12110813-020AMS	MS		Units mg	/Kg-dry						Date
Analyses		RL	Oual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
Lead		3.77	S	1380	47.2	1390	-16.0	75	125	11/26/2012
Batch 83598 SampType: SampID: 12110813-020AMSD	MSD		Units mg	/Kg-dry				RPD	Limit 20	Date
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref \	/al %RPD	Analyzed
Lead		3.77	S	1390		1390	4.0	1382	0.68	11/26/2012



Receiving Check List

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Client: Barr Engineering Company Work Order: 12110813 Report Date: 13-Dec-12 Client Project: Federal MTS/25/86-0006 Carrier: FedEx Received By: TWM Completed by: Reviewed by: On: On: 19-Nov-12 19-Nov-12 Timothy W. Mathis Michael L. Austin Extra pages included 0 Pages to follow: Chain of custody Temp °C Yes 🗹 No 🗌 Not Present Shipping container/cooler in good condition? Ice 🗹 Type of thermal preservation? None Blue Ice Dry Ice Yes > No 🗀 Chain of custody present? V Chain of custody signed when relinquished and received? Yes No 🗌 Yes \checkmark No 🗆 Chain of custody agrees with sample labels? V No 🗆 Samples in proper container/bottle? Yes Yes 🔽 No 🗌 Sample containers intact? Yes 🗹 No 📙 Sufficient sample volume for indicated test? Yes 🗹 No 🗌 All samples received within holding time? \checkmark Field Lab 🗀 Reported field parameters measured: Yes 🗹 No \square Container/Temp Blank temperature in compliance? When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected. Water - at least one vial per sample has zero headspace? Yes 📙 No VOA vials V No 🗀 **V** Yes 🗌 No TOX containers Water - TOX containers have zero headspace? Yes 🗹 No 🔲 Water - pH acceptable upon receipt? No 🗆 V NA NPDES/CWA TCN interferences checked/treated in the field? Yes Any No responses must be detailed below or on the COC.

Chain of (Custo	ody								Γ		N	umb	er o	f Cont	aıne	rs/F	res	erva	tive	;		T	12/10	N3
4700 West 77th	Street											W	/ateı						So	ıİ				COC of	17
Minneapolis, MN (952) 832-2600					2.4 10	E													į					Project Manager Adayn /	Lanney Voisis
Project Number: 25/9	6-0	∞	2]			1_	$ \ $		-							22	(y N	(011)>
Project Name Fed	leral	M	TS								#5 (03))#3				#(H)	ved)		#2	inpres)		ontaine	Project QC Contact Avon	ea Noid
Sample Origination State M O (use two	letter	postal st	ate abbreviation)	Standard	Tes	hh	g Ti	we	2	rved)	NO ₃)	erved	4)#4		á	E W	reser	rved)	rved)	Vidi L		υğ	1	
COC Number Custout Sea	C IV	UPON	(ARRICUAL	THE CHIEFE N			50		(ICI) #1	unprese	tals (H	(unpres	s (H ₂ SO ₄) #4			X (tare	red unp	Inprese	unprese			mber	Sampled by Willi	avn Sella	
Location		Stop	Depth Unit	Collection Date (mm/dd/yyyy)	Collection Time (hh mm)	Water Soil		Typ qeu S	_	VOCs (H	SVOCs (Total Metals (HNO3)	General (unpreserved)	Nutrients		2007	GRO, BTEX (tared MeOH)#1	DRO (ta	Metals (1	SVOCs (Tatol / pad	12.12	Total Nu	Laboratory Tek	lab
1. TO80T-2	0	2	in.	11/13/12	16:05	X		X													1		1	12110813-001	
2. TIOUT-2				14112	9:45																		1	042	
3. TIOUT				11/14/12	8:50																			003	
4. GIOOT				11/13/12	15.50																			004	332
5. TOGTT-2				11/14/12	7:50																			as	Oce
° 706 UT-4				11/14/12	8,00																			006	35.
1. TI4ST-2				11/14/12	10:10																			007	Instructions:
8. DUP.5				1114/12																			1	008	tsut
" TIOUT-3				11/14/12	8.40																			009	Silling Billing
10. TC4UT-3	7	1	¥	11/14/12	8105		L	Щ														<u> </u>	¥	010	<u> </u>
Common Parameter/Container			<u>ve</u>	Relinquished By.	Jilleam Se	<i>15</i> \		Ice?	ul	Date			Time		Receiv	ed	By	1	L					Date // 18-12	Time //30
‡1 - Volatile Organics = BTEX, GRQ, ‡2 - Semivolatile Organics = PAHs, Po Full List, Herbicide/Pesticide/PCB	CP, Diaxi s	ıns, 827(' '	Relinquished By		1		Ice?		Date	;		Time		Receiv	ed 1	by.	9	(/)[C.K				Date	Time
#3 - General = pH, Chlonde, Fluonde TDS, TS, Sulfate #4 - Nutnents = COD, TOC, Phenols,	, Alkalın			Samples Shipped	VIA. □ Aır F	_	2	Fede	ral I	Expre	:SS	∟ □ Sa	ample	er	Aır Bi	ll N	umb	er	VF	- 1					
Nitrogen, TKN			D	istribution: White-			s S	hipme	ent	to L	ab; Y	ello	w - 1	Field	Copy:	Pır	ık -	Lab	Co	ordi	inato	or	_		

Chain of	Custo	ody									N	ımbe	r of	Conta	mer	s/Pr	esei	rvati	ve				a 2		19
BARR Minneapolis, MN		5-4803							-	_	W	ater		1 1		- 7	· · ·	Soil			Ļ				
(952) 832-2600] [Proje Mana	ct ger: <u>A</u>	lain	Nouvey Nouvey
Project Number 25	86-	<u> </u>	36																		<u>ر</u>			TY	Morris (
Project Number 25	1610	d M	TS							vcd) #2)#3 cs (HCl)			#1	7# (H)	ved)	#2	inpres)		Container	Proje QC (ct Contact	And	rea Nod
Sample Origination State M 💆	(use two	letter j	oostal st	ate abbreviation)	Standard	Test	ilvg	Time	2	Tyced (H)	NO3	(unpreserved)#	74) #4		(HO	d Me	preser	rved)	vial, 1		ů	i l			
COC Number.					N	<u>0</u> ;	355	05 Type	71) #1	Metal	E H	unpres nge O	(H ₂ S(W Po	((tare	n p	nprese	plastic	SO CO	Per l	Samp	led by:	Willia	un Selby
Location	VOCs (HC	SVOCs (unprescr	Total Metals (HNO3)	General (Diesel Ra	Nutrients (H2SO4) #4		VOCs (tar	GRO, BTE)	DRO (tar	SVOCs (unpreserved) #2	% Solids (76-401 LEOC	Total Nur	Labo	ratory _	Tek	lab								
1. TO8TT-2	0	2	or in.)	(mm/dd/yyyy)	(hh mm) 7-30	Water Soul		X												1	l	10/10	08/3		
2 TIBUT-5					7:30																l			042	
3 G08UT					7:20																			043	مت
4 GOTUT					7:50																			00/4	se S
5. TUGUT-2					7,55																			vas	
6. TOSUT				↓ .	7:25																			096	Instructions:
7. TO7RT-2]			11/13/12	16:15	;;																		0d7	usta
8. TO8RT-2	1	1	1	11/13/12	16:25																			A8	Billing I
9. TOWT-4-Depth	15	12		11/14/12	8:10																		0	19	12
10. TO-SUT- Vepty	12	12	→	11/14/12	7:35	*		4												4	\	4		020	
Common Parameter/Container	- Preser	vation l	Кеу	Relinquished By.	Lilliam Sa		On Ic		Date), 3C		Receive	by	4	Í	1					Da	1	Time //30 ·
#1 - Volatile Organics = BTEX, GRC #2 - Semivolatile Organics = PAHs, Full List, Herbicide/Pesticide/PCI	PCP, Diox			Relinquished By		-	On Ic	e?	Date		1	ìme		Receive	d by	,.							Da		Time
#3 - General = pH, Chloride, Fluond TDS, TS, Sulfate #4 - Nutnents = COD, TOC, Phenols	e, Alkalu	-	ŀ	Samples Shipped	VIA: □ Air F	-		l	Expre	ess	LSa	mple	r /	Air Bill	Nu	mbe	r		`	· -			<u> </u>	<u> </u>	
Nutrogen, TKN			L D	istribution: White			s Shir	oment	to I	ah \	Yellov	v - F	reld	Conv.	Pink	- I	ah	Coo	rdin	ator					

Chain of	Cust	ody									Nun	iber (of Contai	ners,	/Pres	serva	itive	;		coc <u>3</u>	. 19
4700 West 77th BARR Minneapolis, M		5_4803									Wate	r	<u> </u>			So	ıl		4		
(952) 832-2600	186.		<u> </u>																	Project Add	Mossis
Project Number 60												8									į
Project Name	Fedu	lsois	M	75					#2	(HNO ₃)	1#8	S (HCI)		 	ved) #/		#2	inpics		QC Contact A	ndrea Norsd
Sample Origination State MC	(use two	letter	postal st	ate abbreviation)	Standard	Test	ing To	Tue	(erved)	Ils (HN	served	Organics SO ₄) #4		(eOH)	ed McC	erved)	erved)	Alak, P		<u>.</u>	'11.7 Call
COC Number			Depth	····	N:	2 (3550)6 /pe	CI) #	Metals (HN	(unpre	ange (red N	ed ur	inpres	unpres	Cert	-	Sampled by [1]	illiam Selloy
Location	VOCs (HCl) #1 SVOCs (unpreserved) #	Dissolved Total Met	General (unpreserved)	Diesel Range		VOCs (ta	GRO, BTEX (tared McOH)#1 DRO (taled unpreserved)	Metals (1	SVOCs (unpreserved)	For Learl	; ;	Laboratory									
1 TISUT-3	0	2	iv	11/14/12	9:35	χ	1	X										1		121/081	3 521
2. TI3TT-6				<u> </u>	9,55									Ш						0	22 5
3 T13UT-6					945													\prod			23 (1)
4. TI2VT-2					9:05																024 B
5 THUT					9:40																125 S
"TIBUT-2					9:50																026
7. TIBUT-4					9:45										<u> </u>						025 SE 026 027 027 027 027 027 027 027 027 027 027
8 DUP-7					_			\prod													028 2
9. TIZST-3					10:40													1			028 \$
10 TI5ST-3	1.4		7	4	13,00	┸┷┵		4										7		<u> </u>	030
Common Parameter/Containe			Key	Relinquished By	illian Sell	Prop 1	Oπ Ice?		Date	1	Tim { : عا		Received		4	,				Date //. /#:	Time 1130
#1 - Volatile Organics = BTEX, GR #2 - Semivolatile Organics = PAHs, Full List, Herbicide/Pesticide/PC	PCP, Diox			Relinquished By.			On Ice?	,	Date		Tın	ie	Received	l by				-		Date	Time
#3 - General = pH, Chloude, Fluori TDS, TS, Sulfate #4 - Nutrients = COD, TOC, Pheno				Samples Shipped	VIA. □ Air F	_	⊠ Fede	ral E	xpress		Sam	pler	Aır Bill	Nun	ıber				_		
Nitrogen, TKN			D	stribution. White-			s Shipm	nent t	o Lab	Yell	ow -	Field	Copy;	Pink	- La	b Co	oord	inato			<u> </u>

Chain of	Custo	ody								Г		N	umt	er o	f Contai	ner	s/Pr	cse	rvat	ive					и	of 19	
BARR Minneapolis, MN		5-4803								匚		W	ater	1 1		L		_	Soil	i T	7 1				<u> </u>	of <u> </u>	<u>_</u>
(952) 832-2600																							Pro Ma	oject mager	Adam	Neur Neuris	yex
Project Number:	5/8	6-C	CO	(c																		.		- '	Tx	Mouris	·
Project Name	Fedo	lsiv	M	rs		•					#5 (20)	6	#3	(1101)		1.1	H)#1	(g)	#2	norcs)	Total Lead	Containers	Pro Q0	oject C Cont	act <u>Aird</u>	ren l	<u>le (d</u>
Sample Origination State rino	use two	letter p	oostal st	atc abbicviation)	Standard	Te	shi	lug 1	ibre]	rved)	(NO ₃)	erved	74 (40		t (HO	d Meo	preser	rvea)	u lerv					v fa		
COC Number					N	0	3	55	07	(I) # <i>I</i>	Metal	Total Metals (HNO3)	unpres	Nutrients (H2SO4) #4		ed M	X (tare	ed un	nprese	plastic	80	Number Of	Sa	mpled	by [] illi	dun Se	llby.
Location			Depth Unit	Collection	Collection	Ma	$\overline{}$	T	ype] E)	2 5	Met	cral (rients) (tai	, BTE	(tar	als (u	Spilo	2	Z			y Te	tial	
Location Start Depth Depth Or in) Date (m./ft. or in) (mm/dd/yyyy) (hh:mm)														Nut		ŏ >	GRO	DRC	SVO	8	10	Tota				NUS	
" TIORT-3 0 2 in 11/14/12 13:55 X X																					1		1	2110	1813 0 3 1		
2 TIZRT-2	13,50				١													,			UBZ		3				
3. OUP-8																									033	7	0 e
4. TIXRT-3					13:30																				094	,	S: D
5. TIORT-2					14:10				\prod																005		Billing Instructions: Doc
6. TI58T-\$2					13:05																				036	_	عدراد
1. TISRT-2	V	7			13:15																				037		7,40
8. TISST-3-Depth	12	15			13110																				088	_	Mg
9. T14TT-3- Depth		1			14:30																				039	-	18,1
T14TT-3- Depth	+	4	→	4	14,00		↓		1								2				\mathcal{T}				040		
Common Parameter/Container		vation I	Key	Relinquished By:	illiam Sch	y		l Ice?		Date		١.	Cime		Received	369	7		Z_{j}	7				1/	Date 1.17-12	Tin	ne
#1 - Volatile Organics = BTEX, GRO #2 - Semivolatile Organics = PAHs, F Full List, Herbicide/Pesticide/PCl	CP, Diox			Relinquished By		-		lce?		Date	;	7	Гime		Received	d by	,								Date	Tin	ne
#3 - General = pH, Chloride, Fluoride TDS, TS, Sulfate #4 - Nutrients = COD, TOC, Phenols	, Alkalır	•		Samples Shipped	VIA: □ Aır F		7	\$Fed	eral :	Expre	ess	∐ Sa	ampl	ег	Aır Bill	Nu	mbe	г:							<u> </u>	<u> </u>	
Nurogen, TKN			L	istribution: White-		_	185	Shinn	nent	to I	ah• `	Yello	ע .	- Field	Conv. 1	Pink	T	ah	Coc	ordi	nator	_					

Chain of	Custo	ody]	Nur	ıber (of Conta	ine	rs/P	rese	_				T	coc <u>5</u> .	, 19
4700 West 77th BARR Minneapolis, MN (952) 832-2600		5-4803								\vdash	П	- '	Wate	r		╀	1		Soil	1	1 1	╀	+	12/108	13
(>01) 001 1000	36	-oc	∞	ρ				<u> </u>															P	roject Ianager. Adam Ty N	Nauney lom's
Project Number: 25[Project Name	der	al 1	MT	5							#3	(5)	2	(HCI)] ;	H) #1	ed)	#2	ipies)		Number Of Contents	P	roject C Contact Awd	rea Ubid
Sample Origination State M	(usc two	letter	postal s	tate abbreviation)	Standard	(7.	ésf	ilig .	Tibo	re	erved) #2	NH)	served)	Organics		COH)	MeO.	preserv	rved)	vial ur		5	3	. s.he	. ~ .
COC Number	·		Depth Unit		N!	Ma		550		(ICI)	(unprese	ved Metals (HI	(unpresci	Range C		ared M	X (tare	red un	(unpreserved)	(plastic	ead	, in the second	S	ampled by Will	aun Selby
Location	Comp	VOCs (E	SVOCs (Dissolved Metals (HNO3) Total Metals (HNO3)	General	<u>ت</u> ان		VOCs (tr	GRO, BTEX (tarcd McOH) #	DRO (tared unpreserved)	SVOCs (A Solids (plastic vial unpies	16th (1	N letoT		aboratory <u>Tek</u>	lab								
1. TIIST-2	0	2	ìη	11/14/12	10:50)	į		X												1			<u>≥110813</u> 041	
2. T125T-4					10:45	. !																	Ĺ	042	, S
3. TIIST-4					11:00																			043	<u> </u>
4. T135T-2			Ш		10:15																			04af	Δ : <u>\$</u>
5. T12TT-2					10,30																			045	A S
6. TIITT-4					16:00																			046	Billing Instructions:
1 TISUT					10:10																$\left \right $			047	H 6/21
8. TISTT-4					10,22																			048	
9. T1377-2	+	1			10:20																			849	
10 T14ST-2-Depth	12	19	1	4	10,24	`	4		¥												4		4	050	
Common Parameter/Container			<u>KCy</u>	Relinquished By:	Win Sel	ly		Ice?		Dat Uli			Tun 30:30	اد کېږند	Receive	d b	¥ ,	<u> </u>		_				Date /1./712	Time //30
#1 - Volatile Organics = BTEX, GRC #2 - Semivolatile Organics = PAHs, 1 Full List, Herbicide/Pesticide/PC	PCP, Diox			Relinquished By:		-		Ice?	 -	Dat			Tim		Receive	d b	y:	+					_	Date	Time
#3 - General = pH, Chlonde, Fluorid TDS, TS, Sulfate #4 - Nutnents = COD, TOC, Phenol Nutrogen, TKN	le, Alkalu	-		Samples Shipped	VIA [.]	_	5	Fede	eral	Ехрг	ess		Samj	pler	Aır Bil	l Nu	ımb	e1.							
000.3			r	Distribution: White-	Original Accor	npan	ies	Shipn	nent	to I	.ab;	Yell	ow -	Fiel	d Copy;	Pini	k -	Lab	Coc	ordir	ator				

Chain of Custoay			Number	of Containers/Preservative	coc 6 of 19
4700 West 77th Street			Water	Soil	COC or
BARR Minneapolis, MN 55435-4803 (952) 832-2600	Neo C				Project Manager. Abam Nauvey Ty Monts
Project Number 25/60 - CX	200		1	2	•
Project Number 25/86 - CC Project Name: Federal A	UTS_		#2 NO ₃) #3 cs (HCl)	1) #1 cOntainers	Project QC Contact Awarea Word
Sample Origination State M Q (use two letter posts	I state abbreviation)	randord Testing Time	NO3)	ed Me(eOH) preser streed) vial.	
COC Number		Nº 35509	(HCI) #1 (unproserved) #2 red Metals (HNO ₃) Metals (HNO ₃) II (unproserved) #3 Range Organics (H Range Organics (H	(tared MeOH)#1 BTEX (tared MeOH)#1 (tared unpreserved) Its (unpreserved)#2 Cs (unpreserved)#2 Itles (plastic vial, unpres) [Al Ceod] Number Of Contain	Sampled by William Selby
Location Start Stop U Depth Depth or	/ft. Date	Ollection Time (hh·mm) Matrix Type	1	VOC GRO GRO GRO GRO SVO SVO	Laboratory Teklas
1. TIIST-3 02 i	11/14/12/11			1 1	1211081320 0051
² G15ST	11	1:20 1			052 S
3 TIOST-3	11	140			053 y
⁴ TIOST	13	3:55			054 0
5. T13RT-2	17	3:40			055 Supplemental S
6 T135T-3	10	0.05			१५७ करा
7. T14TT-2	10	0:20			057
8 TIITT-2 / / /	10	0:40			058 9
º Dup-6 + 1		_			059 20
10 TI3RT-2- Depth 12 12.	r † 13	3,45			060
Common Parameter/Container - Preservation Key	Relinquished By:	aim Selly On Ice?	Date Time 1612 /6:30	Received by	Date Time (1.171.7 1.30)
#1 - Volatile Organics = BTEX, GRO, TPH, 8260 Full List #2 - Senuvolatile Organics = PAHs, PCP, Dioxins, 8270 Full List, Herbicide/Pesticide/PCBs	Relinquished By	On Ice?	Date Time	Received by:	Date Time
#3 - General = pH, Chlonde, Fluonde, Alkalinıty, TSS, TDS, TS, Sulfate #4 - Nutnents = COD, TOC, Phenols, Ammonia	Samples Shipped VIA:	a: Air Freight X Federal	Express Sampler	Air Bill Number	
Nurogen, TKN	Distribution. White-Orig	ginal Accompanies Shipment	to Lab; Yellow - Fiel	d Copy, Pink - Lab Coordinator	

Chain of	Custo	oay											N	luml	ber o	f Con	taın	ers	/Pre	ser	vati	ve			╛	coc <u>7</u>	•	19
4700 West 77th	Street												V	/ater							Soil				1			
BARR Minneapolis, MI (952) 832-2600			\$000																							Project Manager Ado	W. Mi	Maney Dan's
Project Number.	5/80	<u>ه-ر</u>	$\frac{\mathcal{X}}{\mathcal{X}}$	00											_												, ,	
Project Name:	Fed	2002	M	TS								(O)		#3	1			1#	7#(HC	()	#2	unpres)			Containers	Project QC Contact: A	udvec	2 Nord
Sample Origination State M O	(use two	letter	postal st	tate abbreviation)	Stavelard	7.	es	filog	To	me	 - 	metals (HNOs)	HNO3)	Served	1.8an 04) #			(EOH)	ed Me	erved)	erved)	v1al			<u>-</u>	•	A ^l al.	اا ـ ۲
COC Number NO 35510 Start Stop Unit Collection Collection Matrix Type Start Stop Unit Collection Collection Matrix Type														unpre	(H ₂ S			rcd N	X (tar	npres	inpres	plastic vial	500		HOEL	Sampled by <u>U</u>	hillan	n Selby
Location Start Depth Contection Date Time Start Depth Depth Depth Contection Date Time Start Depth Depth														General (unpreseived)	Diesel Kange Organics Nutrients (H2SO ₄) #4			VOCs (ta	GRO, BIE	Metals (unpreserved)	SVOCs (unpreserved) #2	Solids (10kg 1	F 101.0F	TOTAL NU	Laboratory	eK[as
1. GZYOT	0	2	ih	11/13/12	13:20	>	X.		X														1		l	1211081	3 -0	61
² T035T-2			1		9.50				1														1		1		00	2 4
3. TO'3UT-3					11:05																						Ck 3	4
4. TO2RT-2					9:30																						064	Z 3
5. TalMT-2					12:30																						065	ins
6. TOZPT					7:25																						066	Instructions
7. TO4TT-2					9,40																						067	Ins
8. TO90T-3					15:40																						768	Billing
9. TZINT					12.40				$\ $																$\ $	0	69	AC.
10. TI9MT-3	1	1	.4	J	12:10		1,		1														V	1	1/		70	
Common Parameter/Container	- Preser	vation l	Key	Relinquished By:	Villiam Sl	ly		п Ic			oli a			Γime >3¢		Recer	ved	169.	_		4					Date //- /7:	12	Time //30
#1 - Volatile Organics = BTEX, GRO #2 - Senuvolatile Organics = PAHs, I Full List, Herbicide/Pesticide/PCI	PCP, Diox			Relinquished By:	· · · · · · · · · · · · · · · · · · ·		Oı	n Ic	e?		Date	-		Time		Recer	ved	by		<u>~</u>						Date		Time
#3 - General = pH, Chloride, Fluond TDS, TS, Sulfate #4 - Nutnents = COD, TOC, Phenols	e, Alkalın	-	-	Samples Shipped	VIA. □ Aır Fr	-	: [X Fe	dera	al E	xpre	ss (□s	ampl	er	Air B	ıll l	Num	ıber	:								
Nitrogen, TKN			L.					_				_		-			_	_							_			

Distribution: White-Original Accompanies Shipment to Lab; Yellow - Field Copy; Pink - Lab Coordinator

Chain of Cust	ody										N	lumb	cr o	f Cont	aın	ers/	Pres	serv	ative	е			coc 8	_ i	9
4700 West 77th Street BARR Minneapolis, MN 5543.											V	/atcr			\Box			S	oil			П			L
(952) 832-2600		~~~]														Project /2/10 Manager Adam Ty	8/2 4 July 1803	nex
Project Number: 25/86												=													
Project Name Federo	al M	173	<u>^</u>					-,-		(HNO ₃)	, ,	(HCI)				1#	rved)		#3	unpres)		Of Containers	Project QC Contact: Au	idiea	Nord
Sample Origination State MC (use two	letter j	oostal st	atc abbieviation)	Standar	Tes	J-ti	47	ilme		-10	NO3	Served	04)#4			S S	prese	rvcd)	rved	via!		o jo		d s	
COC Number No. 35511 Depth Collection Collection Matrix Type Let Control Collection Matrix Type												(unpres	(H2SO4)			N N	ied un	unprese	unprese	Solids (plastic vial unpres	/	Number	Sampled by Wi	Vquu	Scilby
Location Start Depth	Collection Date (mm/dd/yyyy)	Collection Time (hh·mm)	Water Soul	TIX	Typ dead dead dead dead dead dead dead dea	pe di S	VOCs (F	SVOCs (unprese	Total Metals (HNO3)	General (unpreserved) #3	Nutrients			VOCs (tr	DRO (tated unpreserved)	Metals (SVOCs (& Solids	וטאנו רבנס	Total Nu	Laboratory 7	<u>EKlo</u>	\$		
TOIPT O	2	in	11/13/12	7,38	x		,	K												1		1	12/10813	071	
2 TODRT-4				9:45	1																	1		72	۷_
3. TOIPT-3				7:28																			l l	73	77
4. TO3UT-4				11:15																\prod			O	74	2
5. TOYUT				10:45											,									75	is su
6. TOINT-3				12,55																				076	uch
7. T21MT-3				12:25																				777	Castiuctions:
8. TOJUT-6 +	1			11:20							 												(78	Brilling
9 TO3PT-3-Depth 12	12			8.40																			C	79	Brilling Jash
10. TILOT-2-Depth 12	12	4	1	13,45				Ų													Į.	Ţ	0	\ <u>6</u> 3	
Common Parameter/Container - Preser	rvation]	Key	Relinquished By:	Man Sel	ly	On (P)			Date			Time		Receiv	red		4	Z	Z				Date 17-10		Time
 #1 - Volatile Organics = BTEX, GRQ, TPH, 8 #2 - Semivolatile Organics = PAHs, PCP, Diox Full List, Herbicide/Pesticide/PCBs #3 - General = pH, Chloride, Fluoride, Alkalu 	uns, 8270	List	Relinquished By.			On Y	N		Date			Time		Recen									Date		Time
TDS, TS, Sulfate #4 - Nutrients = COD, TOC, Phenols, Ammo Nitrogen TKN	•		Samples Shipped	VIA. □ Aır F □ Other	_	(X)	Fede	ral I	Expre	28S	□s	ampl	ег -	Air B	ıll 1	Num	ber								

Nitrogen, TKN

Distribution: White-Original Accompanies Shipment to Lab; Yellow - Field Copy; Pink - Lab Coordinator

Chain of C	usto	dy								L			Nu	mb	er o	Conta	iner	s/Pı	ese	rvatı	ve			coc	,	. 19	
4700 West 77th S ARR Minneapolis, MN (052) 222 2600		1803								L			Wa	ter	,		1_			Soil			\bigsqcup			I	
(932) 832-2000				7(0						_														Project Manager Ad	laur Ty N	Name Vom's	¥
			MI								#2	03)	*	(HCI)			=	H)#1	9	22	ipres)		Containers	Project QC Contact	Andire	ea Nove	7
Sample Origination State M 🙆 (u	ise two	letter	postal st	tate abbreviation)	Standard -	Test	fuu	9 1	ίw(2	rvcd)	NH)	(FON)	Organics)4)#4 D4)#4		eOH)#	d MeO	preserv	rved) #	vial, ur		of Co		, Vo.	<i>a.,</i>	
COC Number:	_				N			55	14	4	CI) #1	Meta	tals (F	Range O	(H ₂ S(red M	X (tare	ed un	uprese	plastic	000	mber	Sampled by:	Willia	un Sell	7
Location	Start Depth	Stop Depth	Depth Unit (m/ft. or in)	Collection Date (mm/dd/yyyy)	Collection Time (hh:mm)	Water	_	Grab	Type duo O) 	SVOCs (unpreserved) #2	Dissolved	Total Mc	Diesel Ri	Nutrients (H2SO4) #4		VOCs (ta	GRO, BTE	DRO (tar	SVOCs (unpreserved)#2	% Solids (plastic vial, unpres)	10.14/ C 600	Total Nu	Laboratory	_T	éklab	_
1. TO3PT-2	0	2	in	1113/12	8:28	, ,	X		X													1	i	12/1081	13-1	151	
2. TO2QT-2	1	[1	i	8:40		1																		OE		
3 GIGOT					14:30																				02	3 13	
4. TI40T-2					14:10																				02	54 Ž	
5. T22NT-2					12:45																				68	Sign	
6. TOSPT					15:20																				08	ox Tuct	
7. TO8PT-3					15:05																				08	Lustaet	90,000
8 TOPPT-3					15,10																				æ	\$5 55. R	3
° T090T-2					15:35																				08	35 20	900
10. GOZRT	T	7	J	1	9:35		I		J						ŀ							1	4		0	70	
Common Parameter/Container -	Preserv	vation 1	Key	Relinquished By	Warm Sell	í	1	n Ice	1.	D	atc		Tı اره/	me 30	- 1	Receive	d by	1	_	f	-			Da	te	Time	
#1 - Volatile Organics = BTEX, GRQ; #2 - Semivolatile Organics = PAHs, PC Full List, Herbicide/Pesticide/PCBs	P, Dioxi			Relinquished By		/	Oı	n Ice	?		ate	1		me		Receive	d by	<i>/</i> :				_		Da	te	Time	
#3 - General = pH, Chlonde, Fluonde, TDS, TS, Sulfate #4 - Nutnents = COD, TOC, Phenols, Nurogen, TKN		-		Samples Shipped	VIA □Aır Fı □ Other	_	: [}	ZIFe:	derai	l Exp	press] Sar	nple	r	Air Bill	Nu	mbe	ľ								
7.m ,0000 7771			Ē	Distribution: White	-Original Accor	mpan	nes	Ship	men	it to	Lab	; Ye	llow	- F	ield	Copy;	Pınk	(-)	ab	Coo	rdına	tor					

	Chain of		dy													r of (Сопта	iners	Pre					CO	: <u>10</u>	of	19
BARR	4700 West 77th Minneapolis, MN (952) 832-2600	Street ' 55435	-4803										\top	Wa	ter	_		+	T	So	<u>11</u>	11	╀	l			
Project Num	201	B6-	ccc	06					-														5		42/10 ger Adam Ty	Novi	luvey 15
Project Name	<u></u>				_								03)	 _¶	(HCI)				/# (p:)#2		Containers	Project QC C	t ontact: <u>Av</u>	due	L Novid
Sample Origi	ination State MO	use two	letter p	oostal st	ate abbro	viation)	Standard	Test	files	; Ti	Twe		(HNC			4) #4		*(HO:	MeOH reserve	rved)	rved)#		of Cor	l			
COC Numbe	er.						N!	2	35	551	15	CI) #1	Metal	Total Metals (HNO3)	lige O	(H ₂ SC		Ed M	A (tare	nprese	nprese	Cead	Number (Samp	ed by Wil	liawi	Selby
Lo	Location Start Depth Stop Depth Unit (m/ft. or in) Depth Depth Or in) Collection Time (hh.mm) Matrix Type Collection Time (hh.mm)														Diesel Range Orga	Nutrients		VOCs (tared MeOH) #1	GRO, BIE DRO (tar	Metals (u	SVOCs (u	Total Lead	Total Nu		atory	Tekl	<u>ab</u>
	1. GOPAT 02 M 11/13/12 16:00 X X																					1	(1211	08/3	71	
2.	21NT-4				į		12:55																	!	09	2	
3. TC	90T-5						15,25																			33	LEY .
4. C	1607						13:50												,						09	4	Dee (
5 TO	9PT-4						15'12																		09.	5	<u>ن</u> ک
6. TO	980T-4						15:08															\prod	$\ $		090	<u> </u>	\$
7. TO	D90T-4						15:30																		097	2	rs.Hrw
8.	2-9UC	ķ	4				,															$\ \ $			098	3	Billing Instruction
9. Ga	OLT-Depth	12	12				12105																\prod		099	3	B.W
10 Tol	tut-Depth	12	12	1	1	•	10:50	J	7		1											4	\		100)	
Common Pa	arameter/Container	- Preser	vation 1	Key	Relinquis	hed By.	ManSell	4	1	Ice?	1 1	Date 0/12		Ti	me 30	R	eceive	1	1						Date ///7:/6	2//	Time
#2 - Senuvolat Full List,	Organics = BTEX, GRO tile Organics = PAHs, F Herbicide/Pesticide/PCL	CP, Dioxi Bs	ıns, 8270	' '	Relinquis			7	On	Ice?	 `	Date	-		me	R	eceive	d by							Date		Time
· TDS, TS, S	= COD, TOC, Phenols		-		Samples :	Shipped \	VIA. □ Air F	_	(28)	Fede	ral E	Expre	ss (Sat	npler	A	ır Bıll	Nun	ıber.								

Distribution: White-Original Accompanies Shipment to Lab; Yellow - Field Copy; Pink - Lab Coordinator

Chain of	cusic	vay									L		N.	umb	er o	Conta	ine	s/Pr	eser	vatıv	/e		╝	coc ll of	19	ı
4700 West 77th . BARR Minneapolis, MN	Street	5 49/12									<u> </u>		W	ater			\perp			Soil			Ц			l
(952) 832-2600			~~~						 .															Project Manager Adam. Ty M	Nanvey 01995	
			<u>CCC</u>							-	-			E										Donor		l
Project Name	Fede	eval	MT	5								#2 NO ₃)		cs (HCl)	, 1		#1	/# (HC	ved)	#3	unpres		Containers	Project QC Contact Andre	a Next	
Sample Origination State MO (use two	letter	postal s	ate abbro	eviation)	Standard	Sh	ubp	in T	The	2	rved H)	NON	Orpanics	* (*)		OH)	ğ.	resei	rved)	Vial]]	of C			
COC Number		_				N!	2	3!	551	6	CI) #1	Metal	als (H	(unpreserved)#3	(H ₂ SC		red Me	X (tare	ed unp	nprese	plastic	רבטכין	Number (Sampled by William	1 Selbx	
Location	Start Depth	Stop Depth	Depth Unit (m/ft or in)	D	ection atc ld/yyyy)	Collection Time (hh·mm)	Mater Nater	Erix B	7y 1	pe)))	VOCs (H	SVOCs (u Dissolved	Total Metals (HNO3)	General (1 끝		VOCs (ta	GRO, BTE	DRO (tar Metals (u	SVOCs (unpreserved) #2	spilos %	(C) KI	Total Nu	Laboratory <u>Tel</u>	cbb	
1 TO2P7-2	0	2	in	ult	3/12	7:20	×	4	>														1	121/08/3		
2 TO20T-3					Ĺ	4:∞																		102	3	
3 TO4QT-2						8,50																		103	<i>S</i>	
1 TO2TT-2						9:55																		104	2	
5. GIOLT					_	12:35																		145	5:11 ing Distructions:	
6. TOSQT-2						9:∞																		106	is/tw	
TI9MT		Ш				12:05																		07	F)	00,70,00
8. TOSVT-2						11:25																	Ш	108		
9. TOIQT	4	1				8:42																		109	#25 	
10 TO25T-2-Depth	12	13	1	↓		10:05			<u> </u>	4												+	4	110		
Common Parameter/Container			Key	Relinquis	hed By:	licon Sell	ly	i	Ice?	-	Date			;		Receive	10	y	$ \swarrow $	1	-			Date //-/7/2/	Time	ŀ
#1 - Volatile Organics = BTEX, GRO, #2 - Semivolatile Organics = PAHs, P Full List, Herbicide Pesticide PCE	CP, Diox Is	ins, 827	List 0	Relinquis				On	Ice7	_	Date	-		ìme		Receive	d by	y	<u>/ </u>	·				Date	Time	
#3 - General = pH, Chlonde, Fluonde TDS, TS, Sulfate #4 - Nutrients = COD, TOC, Phenols,		•		Samples	Shipped	VIA: □ Air Fi □ Other	_	X	Fede	ral E	Expre	ess	□ Sa	mple	er	Air Bil	Nu	mbe	r·							
Nutogen, TKN			Ī	estributio	n: White-	Original Accor	mpani	ies S	Shipme	ent 1	to L	ab; Y	ellov	v - I	rield	Сору,	Pınl	c - I	_ab(Coor	dınat	ог				-

Chain of	Custe	ody								L		N	Num	ber o	f Cont	aine	rs/I	res	erva	tive				coc <u>16</u>) ,	. 19	ı
4700 West 77th BARR Minneapolis, MN		5_4803								<u> </u>		<u> </u>	Vate	r		4			So	ıl		_	_	454	<u> </u>		4
Project Number: $\frac{1}{2}$			\sim							_														Project Annager Annage	am Ty)	Name &	-
	eder										#2	(3)	1 1	s (HCI)			#1 H)#1	(pa/		#2 perec	i bross		Containers	Project QC Contact:	Andr	ea Novid	-
Sample Origination State M 💆	(use two	letter	postal st	ate abbieviation)	Stavelard -	Test	h	g Til	we		orved)	Total Metals (HNO3)	(unpreserved)	Organics SO ₄) #4			McO P	preserv	rved)	rved)					. \\.	ו וג	
COC Number	•	_		W 100-1	NS	2	3	551	17	VOCs (HCI) #1	Metal	tals (H	unpres	(H2SC			X (tare	ed un	nprese	inpres	1 600		Number Of	Sampled by	Will	eun Sell	×
													General	Diesel Range Organic			GRO. BTEX (tared McOH	DRO (tar	Metals (unpreserved)	SVOCs (t	76-61 1.800		Total Nu	Laboratory:_	Tek	ilab	-
1. DUP-2	0	2	11/13/12	_	X	1	\	X												١		(12110813	3	ıl		
2. TO9PT-2		1			15:00	1															1		7		1/2	2 5	
3. TO3RT-4					9:15																				113	2 23 30 20 ::	
4 GOOLT					13,00																				114		
5. T22NT-3					12:50																V				115	Billing Instituctions	
6 TO8PT-2					15:15																				116	HUCH	
7 TOIOT					7,50																				[17	Fis	
8. GOJGT					8,35																				118	80 M	
9. TO2CT-2					7:58																			•	119	Ã	
10 TO2PT-3	1	1	Ţ	4	7:15		1		1												¥		4	(20		
Common Parameter/Container				Relinquished By	uillain se	lly		i Ice?		Dat			Tim 213		Receiv	ed	by	15	2	2				Da	te	Time //30	
#1 - Volatile Organics = BTEX, GRO #2 - Semivolatile Organics = PAHs, I Full List, Herbicide/Pesticide/PC	PCP, Dia			Relinquished By:			l	i Ice?	+	Dat			Tim	ie .	Receiv	ed	by.							Da	_	Time	
#3 - General = pH, Chlonde, Fluoria TDS, TS, Sulfate #4 - Nutrients = COD, TOC, Phenol Nutrogen, TKN	ie, Alkalu	-		Samples Shipped	VIA: Aır Fı	_	<u> </u>		eral	Expi	ess		Sam	pler	Air Bi	11 N	luml	er.							1		
THE OFFICE TIME			D	Distribution White	-Original Accor	mpani	ies	Shipn	nent	to I	_ab; `	Yello	ow -	Fiel	і Сору,	Pı	nk -	Lal	C	ord	inato	ı					

Chain of	Custo	ody										N	luml	oer o	f Con	tain	ers/	Pre	serv	atıv	е				13		19	
4700 West 77th								-				V	/atcı						S	oil				COC	17	of _	<u> </u>	1
Project Number.			26-		- 																			Project Manage	Adam Tu	2 / <u>U</u> 2 /U	arnex	
										┨ ┃			۽ ا	Ę			Ì						ieis	Project				ł
Project Name	derc	al N	ITS								2# 0		#3	S (H)	ŀ		#1	() (ed)		#2	npres		Container	QC Co	itact:	su/en	Nord	
Sample Origination State M 💍	usc two	letter	postal si	tate abbreviation)	Standard	Te	sfil	49 7	ilu	2	s (HN	NO ₃)	parios	7 #4 (PC)			COH)	oreser	rved)	rved)	vial. u		οί		ζ.	. 1 (اد م	
COC Number					Nº		3!	551	18	CI) #1	Meta	als (H	unpre	(H ₂ S(red X	ed un	nprese	upres	plastic	2002	Number	Sampled	by <u>[v]</u>	lliau	u Selby	1
Location	Start Depth		Depth Unit (m./ft. or in)	Collection Date (mm/dd/yyyy)	Collection	Mate	rix	55 1	pe dilio	VOCs (H	SVOCs (unpreserved) #2 Dissolved Metals (HNO3)	Total Metals (HNO3)	General (Diesel Kange Organics Nutrients (H2SO ₄) #4			VOC. (tared MeOH) #1	DRO (tar	Metals (unpreserved)	SVOCs (u	Solids (plastic vial, unpres)	15/07	Total		ory: <u>7</u>	étlo	16	
1. TO8ST	0	2	W	· · · · · · · · · · · · · · · · · · ·	15,50	X	T														1		Ì	12/10	813	21		1
2. TOSTT	1				16:00																				18	12		
3. TƏDNT	Ц_				19,40	\prod																			18	3	Doe Rui	
4. DUP-1					_																			<u> </u>	12	4		
5 T100T-2					14:40																				12	5	Billing Instituctions:	1
6 TOBUT-5					11:22														-						120	,	wch	
7. TI40T-3					14:10																				127	•	75/5	
8. T160T-2					13:45																				128	<u> </u>	3	
9. OUP 4	1.	b			-																				12	7	1/2 B'/	900
10 GIGOT- Depth	12	12	1	1	13,55	\	4		↓													r	14		130)		
Common Parameter/Container	- Preser	vation	Кеу	Relinquished By:	illiamsel	7		Ice?		Date			Time		Recei	ved	, ,	A	4	4		_			Date	113	Time	8
#1 - Volatile Organics = BTEX, GRO #2 - Semivolatile Organics = PAHs, F Full List, Herbicide/Pesticide/PCI	PCP, Diox Bs	uns, 827		Relinquished By.			On	Ice?	₩	Date			Time		Recei		_	-		•	·			ľ	Date		Time	
#3 - General = pH, Chlonde, Fluond TDS, TS, Sulfate #4 - Nutrients = COD, TOC, Phenols		-		Samples Shipped	VIA. □ Aır Fro	eight	(26	Fede	ral	Expre	ess	□s	amp	ler _	Aır B	dil 1	Num	beı								•		
Niti ogen, TKN			Σ	Distribution: White	-Original Accon	рапі	es S	Shipm	ent	to L	ab; Y	Yello	w -	Field	Сору	; Pi	nk	- L	b C	'oor	linat	or	-	=				

Chain of	Custo	ody													f Conta	iner	s/Pr	esei	vatı	ve			coc 14 of 19
4700 West 77th BARR Minneapolis, MI (052) 822 2600		-4803								\vdash	1	W 	ater	77	T	+	ľΤ	1	Soil		\top	\mathbb{H}	
(952) \$32-2600 Project Number: 35	Ŝ 6 - C	3XC																				rs	Project 18/108/3 Manager Adam Nanyey Ty Mesn's
Project Name Fed	eral	MT	S								03)		#3	(117)		1,4	H)#1	ed)	#2	unpres)		Containe	Project QC Contact Avarea Vol.
Sample Origination State M D	(use two	letter	postal s	tate abbreviation	Standard	Tes	tih	9 Ti	we	:	srved)	(NO3)	(unpreserved)	74 (PC		*(HO:	Me0	preserv	(unpreserved) #2	vial.	9		why z :
COC Number					Nō		35	51		(HCI) #1	Meta	tals (F	(unpre	(H ₂ SO ₄)		red M	X (tare	red un	unpres	Solids (plastic vial.	(क्वव	mber Of	Sampled by William Seile
Location	Start Depth	Stop Depth	Depth Unit (m./ft or in)	Collection Date (mm/dd/yyyy)	Collection -	Matri So I		Typ e de 8		1 . 1.	SVOCs (unpreser Dissolved Metals	Total Metals (HNO3)	General (unpreserved)	Nutrients		VOCs (ta	GRO, BTEX (tared McOH)#1	DRO (ta	SVOCs (unpreserved)	% Solids	18/8/	Total Nu	Labotatory. Teklob
1. TO9UT-3	O	2	1/1	11/13/12	16:05	X		X													I	1	1210819 131
2 T09UT-2		1	١	1	16:35)													1		132
3. TOSST-2					17:00																		133 \$
4. TOBRT-4					ાઇજી																		134
5. TO85T4					16:20																		135
6. TOSOT					7:52																		136 137 138 138 138 138 138 138 138 138 138 138
7. TOBUT-2					11:10																		137 5
8 T0857-3					16:40																		138
9. TO9TT					16.00			\prod														\prod	130 AT
10. TO9UT	1	1	+	4	16:50	1		1	/												1	1	140
Common Parameter/Containe	r - Presei	vation	Key	Relinquished By	silliam Selly	, '	On I			Date le l			Time	1	Receiv	6	7	<					Date Time
#1 - Volatile Organics = BTEX, GR #2 - Semivolatile Organics = PAHs, Full List, Herbicide/Pesticide/PC	PCP, Diox Bs	uns, 827	0	Relinquished By			On I	ce?		Date	$\overline{}$	\vdash	Time		Receiv		/						Date Time
#3 - General = pH, Chloride, Fluori TDS, TS, Sulfate #4 - Numents = COD, TOC, Pheno Numera, TKN		•	, [Samples Shipped	l VIA. □Aır Fre □Other:	-	[X] F	eder	al I	Expre	:58	□s	amp	ler 	Аіг Ві	ll Nu	ımbe	sr.					
THUNGER TIME			Ī	Distribution Whi	te-Original Accom	panie	s Sh	ipme	nt	to L	ab, Y	ello	w -	Field	Copy;	Pin	k -	Lab	Coo	rdın	ator		

Chain of C	Cust	ody]	Nun	nber	of Conta	ner	s/P	rese	rvat	ive			coc 15 of 19
4700 West 77th S BARR Minneapolis, MN	Street 5543.	5-4803								-	ГТ	- '	Wat	er T	 	╀	T	·	Soil	1	П	+	000
(932) 632-2000		2 - O		```																			Project Manager. Adam. Nauney Ty Monis
Project Name: Feder				<u> </u>							#2	03)	#3	(HCI)		1:	H)#/	ed)	22	unpres)		Containers	Project QC Contact Andrea Novd
Sample Origination State M 🙍 (use two	letter	postal st	ate abbreviation)	Standard	Tes	łv	y Ti	we		rved)	(HNO ₂)	(unpreserved)	rganic:	4 4	eOH)#	d MeO	preserv	rved)	vial ur		ပို ပို	
COC Number					Ng)	3	552		CI) # <i>I</i>	unpreso	Metal	(unpre	ange O	(711)	red M	X (tare	red un	Inprese	plastic	180	Number	10 111 1.00 7010
Location	Start Depth	Stop Depth	Depth Unit (m/ft or in)	Collection Date (mm/dd/yyyy)	Collection Time (hh mm)	Mater Soil	1	Grap Grap	/pe		SVOCs (Dissolved Metals (HNO3) Total Metals (HNO3)	ra-			VOCs (ta	GRO, BTE	DRO (tared unpreserved)	Metals (unpreserved) SVOCs (unpreserved)	& Solids	Total Levol	Total Nu	1 1 1 1 1 1
1. TOORT-3	C	2	ìn	11(13/12	16:30	X	4)	X												ı	I	141
2. GIOPT	1				15:45																	\perp	142 <
3. TOTQT-2					16:10																		143 2 144 D
4. TOBRT				+	16:20																		45 8
5. THUT-3				1114/12	9:00													ı					A File At Ather Ather Ather Ather Ather Ather And Answeribus:
6. TIZUT-4					9:10																		THE TON
7. 707UT-2					7,40																		147 ESW
8. TI4TT-3					10:15																		14 3
° TIIUT-2					9:05																		144 1
10. TIYUT-3	4	4	ł	4	10:00		4		4												¥	Į	160
Common Parameter/Container			<u>KCy</u>	Relinquished By.	bean selly			n Ice?		Dat		I	Tir.		Receive	9/10 //	y /	/	, 				Date Time //-/7/2 //30
#1 - Volatile Organics = BTEX, GRQ #2 - Semivolatile Organics = PAHs, P Full List, Herbicide/Pesticide/PCE	PCP, Dia Bs	xins, 827		Relinquished By	•		1	n Ice?		Dat	e		Tır	ne	Receive	d b	y.		•	-			Date Time
#3 - General = pH, Chloride, Fluoride TDS, TS, Sulfate #4 - Nutrients = COD, TOC, Phenols Nutrogen, TKN		_	L	Samples Shipped	Other:	<u> </u>								pler	Air Bill								•
Control Control			Ē	istribution: White	e-Original Accor	mpani	ies	Shipm	nent	to I	Lab,	Yell	ow	- Fie	ld Copy;	Pin	k -	Lab	Cod	ordu	nator		

Chain of C		ody													of Cont	aine	rs/P	rese				_	CO	c_16_	of 19	
4700 West 77th S Minneapolis, MN (952) 832-2600	Street 55435	-4803								-		- -	Wate	er		+			Soil	ı T		+				
Project Number: 25	Z(^-	\sim	70							1														ger Adavn Ty	Nornis	<u>24</u>
Project Name Fedo					·						#2	3)	, E	(HCI)			1#1	e l		ores)		Containers	Proje QC (ct Contact: <u>Aw</u>	tivea l	laid
Sample Origination State M O	use two	letter p	postal st	ate abbreviation)	Standard	Tes	sh/v	ng 7	íbu	2		(HNO3)	erved) 4	Organics	4	H C	BTEX (tared MeOH) #1	reserve	ved)	vial uni						
COC Number:					N!	9	3	55	21] 	inprese	Metals	al (unpreserved	nge O		N	X (tare	dun pa	(unpreserved)	plastic	1007	Number Of	Samp	led by: Will	dun Se	llox
Location	Start Depth	Stop Depth	Depth Unit (m/ft or in.)	Collection Date (mm/dd/yyyy)	Collection Time (hh:mm)	Water	trix	Grab	ype dwo O	30 X	SVOCs (1	Dissolved	General (Diesel Range Organi		VOCs (tared McOH)#	GRO, BTE	DRO (taı	Metals (unpreserved)	% Solids	70tol (God	Total Nu	Labo	ratory <u>Tel</u>	Klab	
1. TIIVT-2	0	2	in	11/11/12	8:55		X		ኦ												1	ĺ	101	10813 151	7	
² T1377-3					10:30																1			\$50	?	3
3 TIZUT-2					9:20																			163		
4. T12TT-3					10:40																			154	,	- 1
5. TIZUT-3					9:15																			(55	Instructions:	
6. TIITT-3					10,35																			156	sfruc	
7. T1377-5					10=30																			157		
* T125T-2					10:55	ļ ļ																		158	X, 11174	
° T14UT-2	1	1			10:05																			159	(X	7
10. TILUT-2- Depth	12	12	4	1	8:50	l '	1		¥												¥	1	'	160	-	
Common Parameter/Container			<u>xcy</u>	Relinquished By:	jilliam Sc	lly	0.	n Ice ⊘N		Da N N		.	Tin (@:		Recen	ed b	9/	<u>د</u>						Date //-/7/2	Time	
1 - Volatile Organics = BTEX, GRQ 2 - Semivolatile Organics = PAHs, Po Full List, Herbicide/Pesticide/PCB	CP, Diox.	ıns, 8270	' ·	Relinquished By:			O ₁	n Ice Y N	+-	Da	•		Tin		Recen	red b	y Y							Date	Time	e
t3 - General = pH, Chloride, Fluonde TDS, TS, Sulfate t4 - Nutnents = COD, TOC, Phenols, Nitrogen, TKN			L	Samples Shipped	☐ Other:										Air B											
			D	Distribution: White-	Original Acco	mpan	nies	Ship	men	t to	Lab,	Yel	low	- Fiel	d Copy;	Pın	k -	Lab	Cod	ordi	nator					-

Chain of	Cu.	sto	dy											ı	lum	ber c	of Con	taını	rs/P	resci	vativ	ve			coc 17 of	19
4700 West 776 BARR Minneapolis, 1 (952) 832-260			-4803									-	- Т	V	Vate	· T	Г Т	\dashv	Τ-	ГТ	Soil		Т	H		
, (,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0											_													Project Manager Alam	Vanney
Project Number:	25/	3	(o -	<u>00</u>	06																			٢	TY M	01115
Project Name	Fe	de	2621	MT	06								#2	3	*	S (HCI)			#/ H)#/	ved)	#2	npres)		Containers	Project QC Contact Avare	a Novid
Sample Origination State M	(use	two	letter p	oostal st	atc abbr	eviation)	Standard	Te	esta	ug 7	Tim		rved)	(HNO ₃)	crved	Organics SO ₄) #4			d Med	Dreser	rved)	n pin			\ fi.1 .	
COC Number,							N:	0	3	55		(HCI) #1	unpreso	Metals (H	1 1-1	(H2SC		:	X (tare	tared unprese	(unpreserved)	Solids (plastic vial unpres)	200	Number Of	Sampled by William	1 Selbx
Location			Stop Depth	Depth Unit (m/ft or m.)	D	ection ate dd/yyyy)	Collection Time (hh·mm)	Water	itrix	Grab	ype di S		SVOCs (unpreserved) #2	Total Me	General	Diesel Range Organic Nutrients (H ₂ SO ₄) #4			GRO, BTEX (tared MeOH)	DRO (tared unpreserved)	SVOCs (Solids	र ट.म्बर	Total	Laboratory Tek	lab
1. TO3RT-2	. (シ	2	M		अ१२	9:08	\vdash	X	1	X												١	į	12/10813 Uet	
2 TOSUT-2	. 1		(١		l	11-30																		162	ζ
3 T160T							13:40																		163	الله الله
4. THMT							12,15																		164	200
5. TOIPT-2							7:40																		165	385
" TI50T-2	Ш						14:00																		166	Billing Dustilucturus:
7. TO2PT-4							7:30										<u> </u>								167	E SE
8. TISOT							14205																		168	-bu!
9. TO3PT-3		r	1				8:30		1		7														169	D
10. THMT-3-Dept	4 18) _	12	W	u(c	3/12	1340		X		X												4	4	d70	
Common Parameter/Contain	er - Pre	eser	vation I	<u>xcy</u>		shed By: Willen	Selly		Or	Icc'	1 .	Dat			Time		Recei	ved		1	1				Date // /2/2	Time //30)
#1 - Volattle Organics = BTEX, O #2 - Semivolattle Organics = PAH Full List, Herbicide/Pesticide/	ls, PCP, I				Relinqui	shed By.	-		1	i Ice:	?	Dat	е		Tim	e	Recei	ved	by.		•				Date	Time
#3 - General = pH, Chloride, Fluc TDS, TS, Sulfate #4 - Nutrients = COD, TOC, Phe.	onde, All		-	t	Samples	Shipped '	VIA. □ Aır F	_	ıt 📴	Fed	eral	Expr	ess		Samp	ler	Air E	Bill N	lumb	C1						
Nutrogen, TKN				D	istributio	n White-	Original Acco		nies	Shipn	nent	to I	ab,	Yello	w -	Field	1 Copy	r; Pu	nk -	Lab	Coor	rdina	tor			

Chain of Custody		Number of (Containers/Preservative	coc <u>18</u> of <u>19</u>
4700 West 77th Street BARR Minneapolis, MN 55435-4803		Water	Soil	COC 10 of 11
(952) 832-2600		_		Project Manager: Adam Nanney Ty North's
Project Number: $\frac{\partial S}{\partial S} = \frac{\partial S}{\partial S} =$	Xo			Ty Norts
	· · · · · · · · · · · · · · · · · · ·	(HCI) #1 (unpreserved) #2 ed Metals (HNO3) fetals (HNO3) (unpreserved) #3 Range Organics (HCI) Is (H2SO4) #4	() #1 cOH) #1 force erved) () #2 unpres)	Project QC Contact Andrea Mond
Sample Origination State M O (use two letter postal	state abbreviation) Standard Testing Time	HNO3	to Melon Mel	1/413
COC Number	Nº 35523	(HCl) #1 (HCl) #1 s (unpreserved) wed Metals (HNO3) Metals (HNO3) al (unpreserved Range Organic Range Organic	(tared McOH)#1 STEX (tared McOH) (tared unpreserve (tangeserved) (unpreserved) (static vial unpart) (plastic vial unpart) (Number Of Con	Sampled by William Sellox
Location Start Stop Depth Depth Cm./fi	Collection Collection		VOC, (tared McOH)#1 GRO. BTEX (tared MeOH)#1 DRO (tared unpreserved) Metals (unpreserved) SVOCs (unpreserved)#2 & Solids (plastic vial unpres Tetal Lead	Laboratory <u>TeKlab</u>
1 TOSRT-3 0 2 in	1 111312 9:12 X X		£ £	1210813
2 TOURT-2	9:05			172 53
3. G030T	7154			173 8
4. TOYUT-2	11125			124 "
5. TO25T-248	9.50			176 mg
6. TIUST	1114112 1320			124 :s 176 176 MS/MSD 177 TYS MS/MSD 177 TYS MS/MS/MS/MS/MS/MS/MS/MS/MS/MS/MS/MS/MS/M
7. T14RT-2	13,80			MS/MSD 127 \$
8 TOSKT	14,30			MS/MSD 170 3
9. TIYTT	10.25			MS/MSD 170 3 MS/MSD 179 50
10. TIOST-2 1 4 +	11:10 4			MS(MSD /80
Common Parameter/Container - Preservation Key	Relinquished By William Selly On Ice?	Date Time R	Received by	
#1 - Volatile Organics = BTEX, GRQ, TPH, 8260 Full List #2 - Semivolatile Organics = PAHs, PCP, Dioxins, 8270 Full List, Herbicide/Pesticide/PCBs #3 - General = pH, Chloride, Fluoride, Alkalinity, TSS,	Relinquished By On Ice?	<u> </u>	Received by.	Date Time
#3 - General = pr., Chiolide, Fluoride, Alkalimity, 155, TDS, TS, Sulfate #4 - Nutrients = COD, TOC, Phenols, Ammonia Nutricogen, TKN	Samples Shipped VIA: Air Freight XFedera	Express Sampler A	Air Bill Numbei	•

TDS, TS, Sulfate
#4 - Nutrients = COD, TOC, Phenols, Ammonia Samples Shipped VIA: Air Freight XFederal Express Sampler Air Bill Number Other: _ Nitrogen, TKN

Distribution: White-Original Accompanies Shipment to Lab, Yellow - Field Copy; Pink - Lab Coordinator

Chain of	Custo	ody										Νι	ımbo	er o	Contai	neis	s/Pr	ese	rvati	ive			ہ ا	'OC	19	of	19	ı
4700 West 77th RARR Minneapolis, MN		-4803									1	W	ater	Т	- 				Soil	Т	· · ·	4						
(952) 832-2600	_		XX	·															}				Pro Ma	oject ' inager	Ada	28/2 M. H. j	daung Unung Onls	Y
Project Name.	edo	wal	M	TS						#2	(HNO ₃)		; (HCl)	.		1#1	H)#1	ved)	#2	nprcs)		Containers	Pro Q0				ea st	- 1
Sample Origination State MO	use two	letter p	oostal sta	ite abbieviation)	Standard	Tes	file	3 To	ine	1	E) 4	(LONI	Served	04) #7		cOH)	d Meo	preser	erved)	Viel.		č	ı		a. l	ել	C .1	
COC Number					N:	0	35	52	24	CI) #1	Meta	tals (F	unpie	(H ₂ S(red M	X (tare	un pa	unpres	plastic	7337	Number	Sa	mpled	bу. <u>W</u>	llav	n Sel	4
Location	Start Depth	Stop	Depth Unit (m/ft or in)	Collection Date (mm/dd/yyyy)	Collection Time (hh mm)	Mater Soul	rix	Ty gas S	pe B O	VOCs (HCI) #1	Dissolved Metals	Total Metals (HNO3)	General (unpieserved) #. Diesel Range Organics	Nutrients		VOCs (ta	GRO, BTE	DRO (tai	SVOCs (unpreserved) #2	% Solids	Total Leud	Total Nu			ry			
1 TO2RT-380	0	4	įΛ	1113/12	10:15	X		y	!												1	I	,	N5	12/10	28/3 D	#8	
2. TOTPT-2					15:08			1														1	/	us i	MSI	> .	K 2	
3. T21NT-2					13:00																		/	45/	MSD	6	83 N	,
4. T140T				+	14:15																		٨	15/	MSD	S lbs	14 2	,
5 TIZUT	+	1	1	11/14/12	9:15				,												T	1	. /	usl	MS]	>/8		
6.																											c deb	
7.																											nys)	
8.																											Ĥ e	~
9																										•	Milling History Size S. C.	
10.																Ì						1						
Common Parameter/Container	Preser	vation I	Key F	Relinquished By	Selle		Ол В	Ice?		Date	2		ime		Received	N. S.	1	~ ~	Ż		4		1		Date	13	Time	
#1 - Volatile Organics = BTEX, GRQ #2 - Semiyolatile Organics = PAHs, P Full List, Herbicide/Pesticide/PCE	CP, Dioxi			Ichnquished By			On Y		<u> </u>	Date	7		ime	-+	Received	by								1	Date		Time	一
#3 - General = pH, Chlonde, Fluonde TDS, TS, Sulfate #4 - Nutrents = COD, TOC, Phenols, Nutrogen, TKN	, Alkalın	-	s	amples Shipped V	VIA. □ Aır F				ral E	xpres	l s [☐ Sa:	mple	r	Aır Bıll	Nur	nbe	г										
TATHORET TITTA			=	steibution White	0 1 1 4		C1					- 11	_		_	N2 - 1-	_		_									—

Distribution White-Original Accompanies Shipment to Lab; Yellow - Field Copy; Pink - Lab Coordinator